सत्यमेव जयते

उद्योगों का वार्षिक सर्वेक्षण
ANNUAL SURVEY OF INDUSTRIES
2023-2024
कारखाना क्षेत्र के सार परिणाम
SUMMARY RESULTS FOR FACTORY SECTOR

भारत सरकार
सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय
राष्ट्रीय सांख्यिकी कार्यालय
उद्यम सर्वेक्षण प्रभाग
कोलकाता

GOVERNMENT OF INDIA
MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION
NATIONAL STATISTICS OFFICE
ENTERPRISE SURVEY DIVISION
KOLKATA

www.mospi.gov.in GoIStats GoIStats goistats

सत्यमेव जयते

उद्योगों का वार्षिक सर्वेक्षण
ANNUAL SURVEY OF INDUSTRIES
2023-2024

कारखाना क्षेत्र के सार परिणाम
SUMMARY RESULTS FOR FACTORY SECTOR

Data for Development

भारत सरकार
सांख्यिकी और कार्यक्रम कार्यान्वयन मंत्रालय
राष्ट्रीय सांख्यिकी कार्यालय
उद्यम सर्वेक्षण प्रभाग
कोलकाता

GOVERNMENT OF INDIA
MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION
NATIONAL STATISTICS OFFICE
ENTERPRISE SURVEY DIVISION
KOLKATA

प्रस्तावना

वार्षिक औद्योगिक सर्वेक्षण (एएसआई) भारतीय अर्थव्यवस्था के पंजीकृत विनिर्माण क्षेत्र के डाटा का महत्वपूर्ण स्रोत है। इस सर्वेक्षण के परिणाम योजनाकारों तथा नीति-निर्माताओं को अर्थव्यवस्था के वस्तुनिष्ठ परिदृश्य का आकलन करने में महत्वपूर्ण सूचनाएँ उपलब्ध करवाते हैं। यह सर्वेक्षण कारखाना अधिनियम, 1948 के अंतर्गत पंजीकृत फैक्ट्रियों, बीड़ी तथा सिगार कर्मकार (नियोजन की शर्तें) अधिनियम, 1966 के अंतर्गत स्थापित प्रतिष्ठानों और केन्द्रीय विद्युत प्राधिकरण (सीईए) के अंतर्गत अपंजीकृत विद्युत के उत्पादन, संचरण, तथा वितरण में कार्यरत उपक्रमों के बारे में सूचना एकत्र करता है। सर्वेक्षण परिणाम योजनाकारों, नीति निर्माताओं, उद्योग संस्थाओं, अन्वेषकों तथा व्यवसाय एवं उद्योग विश्लेषकों द्वारा व्यापक रूप से प्रयोग किए जाते हैं।

स्थापित परिपाटी के अनुरूप, ए.एस.आई. 2023-24 के परिणाम खंड I, खंड II और "कारखाना क्षेत्र का सारांश परिणाम" नामक एक संक्षिप्त प्रकाशन में प्रकाशित किए जाते हैं। जहाँ प्रकाशन के दो खंड ए.एस.आई. से कारखाना क्षेत्र के विस्तृत परिणाम प्रस्तुत करते हैं, वहीं कारखाना क्षेत्र का सारांश परिणाम ए.एस.आई. की प्रमुख विशेषताओं पर ध्यान केंद्रित करने के उद्देश्य से एक अलग प्रकाशन के रूप में तैयार किया गया है और इसे एक अलग प्रकाशन के रूप में लाया जा रहा है। सारांश परिणामों का उद्देश्य राष्ट्रीय और राज्य/संघ राज्य क्षेत्र दोनों स्तरों पर रोजगार के आकार, पूंजी निवेश, सकल आउट्पुट और निवल वर्धित मूल्य जैसी प्रमुख विशेषताओं को उजागर करने वाली विशेष तालिकाओं के माध्यम से ए.एस.आई. निष्कर्षों का एक व्यापक अवलोकन प्रस्तुत करना ये सारणियाँ क्षेत्रीय और राष्ट्रीय स्तर पर औद्योगिक परिदृश्य का व्यापक अवलोकन प्रदान करती हैं।

एएसआई 2023-24 हेतु अक्तूबर, 2024 से जून, 2025 के दौरान सर्वेक्षण किया गया था। राष्ट्रीय सांख्यिकी कार्यालय (एनएसओ) के उद्यम सर्वेक्षण प्रभाग द्वारा सर्वेक्षण की पूरी योजना तैयार की जाती है व एनएसओ के क्षेत्र संकार्य प्रभाग द्वारा टा संग्रहण किया जाता है।

मैं उद्यम सर्वेक्षणों हेतु तकनीकी सलाहकार समूह (त.स.स.), रा.सां.का. की सर्वेक्षण संचालन समिति तथा राष्ट्रीय सांख्यिकी आयोग (रा.सां.स.) के सदस्यों के प्रति सर्वेक्षण के विभिन्न चरणों में प्रदान किए गए उनके बहुमूल्य मार्गदर्शन के लिए हार्दिक आभार व्यक्त करती हूँ। इस प्रकाशन की तैयारी में राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.) के क्षेत्र संकार्य प्रभाग, उद्यम सर्वेक्षण प्रभाग तथा समन्वय एवं गुणवत्ता नियंत्रण प्रभाग के अधिकारियों एवं कर्मचारियों के समर्पित प्रयासों की मैं प्रशंसा करती हूँ। साथ ही, संगत अभिलेखों से आँकड़े उपलब्ध कराने में कारखाना प्रबंधन द्वारा क्षेत्र अधिकारियों को प्रदान किए गए सहयोग को भी मैं सराहना योग्य मानती हूँ।

सुधार हेतु सुझावों का स्वागत है।

गीता

नई दिल्ली
सितंबर, 2025

गीता सिंह राठौर
महानिदेशक(एनएसएस)

Preface

Annual Survey of Industries (ASI) provides information on important characteristics of registered manufacturing sector for objectively evaluating the industrial scenario of India. It covers the factories registered under the Factories Act, 1948 and establishments under Bidi and Cigar Workers (Conditions of Employment) Act, 1966 and all electricity undertakings engaged in generation, transmission and distribution of electricity, not registered with the Central Electricity Authority (CEA). Survey findings are extensively utilized by planners, policymakers, industry associations, researchers, and business analysts.

As a matter of convention, the results of ASI 2023-24 are published in Volume I, Volume II and an abridged publication namely "Summary Results for Factory Sector". While the two volumes of the publication provide detailed results of factory sector from the ASI, the Summary Results for Factory Sector is prepared with the objective to draw attention to certain key features of the ASI results and the same is being brought out as a separate publication. The Summary Results aim to present a comprehensive overview of the ASI findings through specialized tables highlighting key characteristics such as employment size, capital investment, gross output and net value added at both the national and state/UT levels. These tables provide a comprehensive overview of the industrial landscape at the regional as well as at the national level.

Survey for ASI 2023-24, was carried out during October 2024 to June 2025. The Enterprise Survey Division of National Statistics Office (NSO) prepares the entire plan of the survey and the fieldwork is carried out by Field Operations Division of NSO.

I would like to express my sincere gratitude to the members of the Technical Advisory Group (TAG) for Enterprise Surveys, the Steering Committee for NSS surveys, and the National Statistical Commission (NSC) for their valuable guidance at various stages of the survey. I wish to place on record my appreciation for all the officers and staff members of Field Operations Division, Enterprise Survey Division and Coordination and Quality Control Division of NSO for their dedicated efforts in bringing out the publication. I also record my appreciation for the factory management, who had extended all co-operation to the field officers in collecting the data from relevant records.

Suggestions for improvement are most welcome.

New Delhi
September, 2025

(Geeta Singh Rathore)
Director General (NSS)

उद्योगों का वार्षिक सर्वेक्षण: 2023-2024

विषय-वस्तु

कारखाना क्षेत्र का सार परिणाम

ANNUAL SURVEY OF INDUSTRIES: 2023-2024

CONTENTS

SUMMARY RESULTS FOR FACTORY SECTOR

1. परिचय

1.1 *क्षेत्र और विस्तार*

1.1.1 उद्योगों का वार्षिक सर्वेक्षण (उ.वा.स.) सांख्यिकी संग्रहण अधिनियम, 1953 के तहत 1959 से किया जा रहा है। वर्तमान में यह सर्वेक्षण 2017 में यथा संशोधित व 2011 में उनके तहत बनाए गए नियमावली के अनुसार सांख्यिकी संग्रहण अधिनियम, 2008 के तहत किया जा रहा है। सर्वेक्षण इस उद्देश्य से तैयार किया गया है जिससे देश के सकल घरेलू उत्पाद में पंजीकृत विनिर्माण क्षेत्र के योगदान का प्राक्कलन प्राप्त किया जा सके तथा उद्योगों के प्रकार के अनुसार उद्योगों की संरचना का व्यवस्थित अध्ययन व औद्योगिक नीतियों के निर्माण को प्रभावित करने वाले विभिन्न कारकों का अध्ययन किया जा सके। उपरोक्त अधिनियम तथा उसके तहत बनाई गई नियमावली की प्रति ***परिशिष्ट - I*** में दी गई है।

1.1.2 उद्योगों के वार्षिक सर्वेक्षण का विस्तार फैक्टरी अधिनियम, 1948 की धारा 2 (एम) (i) व 2 (एम) (ii) के अंतर्गत पंजीकृत औद्योगिक इकाइयों (जो कारखाना कहलाती है) तक सम्मिलित समग्र कारखाना क्षेत्र पर है, जिसमें 'कारखाना' जो उद्योगों के वार्षिक सर्वेक्षण के लिए परिगणना की प्राथमिक सांख्यिकी इकाई है, की परिभाषा इस प्रकार दी गई है-

अपनी परिसीमाओं सहित कोई भी 'ऐसा परिसर':-

(i) जहॉ दस या उससे अधिक श्रमिक काम कर रहे हों या पिछले बारह महीनों में किसी भी दिन काम कर रहे थे, तथा उसके किसी भी भाग में बिजली की सहायता से कोई विनिर्माण कार्य किया जा रहा हो, या साधारणत: ऐसा किया जाता हो, अथवा,

(ii) जहॉ बीस या उससे अधिक श्रमिक काम कर रहे हों या पिछले बारह महीनों में किसी भी दिन काम कर रहे थे, तथा उसके किसी भी भाग में बिजली की सहायता के बिना कोई विनिर्माण कार्य किया जा रहा हो, या साधारणत: ऐसा किया जाता हो, परंतु इसमें खान अधिनियम, 1952 के प्रावधानों के अनुसार कोई खान या चालू रेलवे शेड शामिल नहीं है।

ऊपरोल्लिखित 'विनिर्माण कार्य' को कारखाना अधिनियम, 1948 में (धारा 2 (के) के द्वारा) निम्न रूप से परिभाषित किया गया है:

'कोई प्रक्रिया' जो:

(i) किसी भी वस्तु या पदार्थ को उसके उपयोग, बिक्री, परिवहन, सुपुर्दगी या निपटान के उद्देश्य से बनाने, रूपांतरित करने, अलंकृत, परिसज्जित करने, पैकिंग करने, ऑइलिंग करने, धोने, सफाई करने, अलग-अलग पूर्जों में विभाजित करने, ध्वस्त करने या अन्य किसी प्रकार से संसाधित करने या अनुकूल बनाने के लिए; अथवा

(ii) तेल, पानी या गंदे पानी को पंप करके निकालने के लिए; अथवा

(iii) बिजली उत्पन्न करने, रूपांतरित करने या प्रसारित करने के लिए; अथवा

(iv) लेटर प्रेस द्वारा मुद्रण के लिए टाइप कम्पोज करने, लिथोग्राफी, फोटोग्राफी, फोटोग्रेव्योर या अन्य किसी प्रक्रिया से मुद्रण करने या जिल्दसाजी करने के लिए; अथवा

(v) जहाजों या जलयानों का निर्माण करने, पुनर्निर्माण करने, मरम्मत करने, उनके पुर्जे खोलकर पुन: लगाने, उन्हें परिसज्जित करने या अलग-अलग पुर्जों में विभाजित करने के लिए; अथवा,

(vi) किसी वस्तु को शीतागार में परिरक्षित करने के लिए प्रयोग किया जाता है।

1.1.3 उपर्युक्त परिभाषा को कारखाना अधिनियम, 1948 में सुधार के कारण थोड़ा संशोधित किया गया है, जो महाराष्ट्र और राजस्थान राज्य के लिए उ.वा.स. 2015-16 से लागू है और गोवा राज्य के लिए उ.वा.स. 2022-23 से लागू है। उपर्युक्त राज्यों के अतिरिक्त, इस परिभाषा को अन्य दस राज्यों, अर्थात् आंध्र प्रदेश, अरुणाचल प्रदेश, असम, गुजरात, हरियाणा, जम्मू एवं कश्मीर, ओडिशा, पंजाब, त्रिपुरा एवं उत्तर प्रदेश के लिए वार्षिक उद्योग सर्वेक्षण (उ.वा.स.) 2023-24 से संशोधित किया गया है। संशोधित खंड निम्नानुसार है:

"खंड 2एम(i) को विद्युत सहित 10 या अधिक श्रमिकों से विद्युत **सहित 20 या अधिक श्रमिकों** तक और खंड 2एम(ii) को विद्युत रहित 20 या अधिक श्रमिकों से विद्युत **रहित 40 या अधिक श्रमिकों तक** में संशोधित किया गया है।"

1.1.4 कारखाना अधिनियम, 1948 की धारा 2 (एम) (i) और 2 (एम) (ii) के अतिरिक्त बीड़ी एवं सिगार इकाइयाँ, जहॉ पर बिजली की सहायता से 10 अथवा उससे अधिक श्रमिक एवं बिजली की सहायता के बिना 20 अथवा उससे अधिक श्रमिक काम करते हैं, एवं जो बीड़ी एवं सिगार कर्मकार (रोजगार की शर्तें) अधिनियम, 1966 के अंतगर्त पंजीकृत इकाइयाँ हैं, उ.वा.स. में शामिल हैं। बिजली उत्पादन, संचारण, तथा वितरण में लगे सभी विद्युत उपक्रम जो केंद्रीय विद्युत प्राधिकरण (CEA) द्वारा पंजीकृत नहीं हैं वे भी उ.वा.स. में शामिल हैं।

1.1.5 उ.वा.स. 2014-15 से क्षेत्र का विस्तार कारखाना अधिनियम, 1948 की धारा 2 (एम) (i) व 2 (एम) (ii) के बाहर भी किया गया है। 100 या उससे अधिक कर्मचारियों वाली वैसी इकाइयाँ जो कारखाना अधिनियम,1948 की धारा 2 (एम) (i) व 2 (एम) (ii) के अंतर्गत पंजीकृत नहीं हैं, परंतु जो बिजनेस रजिस्टर ऑफ एस्टेब्लिसमेंट (BRE) में राज्य सरकारों द्वारा तैयार तथा राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.), के क्षेत्र संकार्य प्रभाग (क्षे.सं.प्र.) द्वारा सत्यापित किसी भी सात अधिनियम/ बोर्ड/ प्राधिकरण जैसे, कंपनी अधिनियम, 1956; कारखाना अधिनियम, 1948; शॉप्स एंड कमर्शियल एस्टेब्लिसमेंट एक्ट; समिति रजिस्ट्रीकरण अधिनियम; कोऑपरेटिव सोसाइटिज एक्ट; खादि एवं ग्रामीण उद्योग बोर्ड; उद्योग निदेशालय (ज़िला उद्योग केंद्र) के अंतर्गत पंजीकृत हैं, को राज्य सरकारों द्वारा ऐसी सूचियाँ साझा किए जाने पर चयन हेतु विचार किया जाता है।

1.1.6 संघ राज्य क्षेत्र लद्दाख के लिए बिजनेस रजिस्टर ऑफ एस्टेब्लिसमेंट्स (BRE) में गणना के लिए कर्मचारी मानदंड में छूट, जो पहले "100 या अधिक" था और अब "10 या अधिक" के रूप में अपनाया गया है [जब तक कि मुख्य कारखाना निरीक्षक (C.I.F.) की स्थापना नहीं हो जाती] के पश्चात, उ.वा.स. 2022-2023 सर्वेक्षण से शुरू होने वाले पात्र इकाइयों पर विचार किया गया है, और उन्हें लद्दाख के लिए मापदंडों के आकलन में शामिल किया गया है।

1.1.7 संघ राज्य क्षेत्र लक्षद्वीप की पात्र इकाइयों पर पहली बार, संघ राज्य क्षेत्र लद्दाख के मामले में गणना के लिए कर्मचारी मानदंडों में छूट के समान ही (जैसा कि पैरा 1.1.6 में उल्लिखित है), उ.वा.स. 2023-2024 से विचार किया गया है तथा उन्हें लक्षद्वीप के मापदंडों के आकलनों में शामिल किया गया।

1.1.8 यद्यपि उद्योगों के वार्षिक सर्वेक्षण के विषय क्षेत्र में देश की समस्त पंजीकृत विनिर्माण संस्थाएं शामिल हैं, तथापि रक्षा संस्थान, तेल संग्रहण एवं वितरण करने वाले डिपो, रेस्तरां, होटल, कैफे एवं कम्प्यूटर सेवाएं, विभागीय इकाईयों जैसे रेलवे वर्कशॉप, आर.टी.सी. वर्कशॉप, सरकारी टकसाल, सफाई, जल आपूर्ति, गैस भंडारण इकाई, आदि को सर्वेक्षण के क्षेत्र से बाहर रखा गया है। यह सर्वेक्षण 2017 में यथा संशोधित व उनके तहत 2011 में बनाए गए नियमों के तहत सांख्यिकी संग्रहण अधिनियम, 2008 के सांविधिक प्रावधानों के तहत सालाना किया जाता है। उद्योगों के वार्षिक सर्वेक्षण 2023-24 का भौगोलिक विस्तारण संपूर्ण देश में किया गया है।

1.2 ***परिगणना एकक***

1.2.1 विनिर्माणकारी उद्योगों के मामले में सर्वेक्षण के लिए परिगणना की प्राथमिक इकाई कारखाना है, मरम्मत सेवाओं के मामले में यह इकाई वर्कशॉप है, बिजली, गैस एवं जल आपूर्ति करने वाले उपक्रमों के मामले में उपक्रम अथवा लाइसेंसधारी तथा बीड़ी एवं सिगार उद्योगों के मामले में प्रतिष्ठान है। तथापि केवल एक ही राज्य में स्थित किसी एक ही उद्योग समूह के अंतर्गत आने वाले दो या इससे अधिक प्रतिष्ठानों के मालिक को एक ही 'संयुक्त विवरणी' प्रस्तुत करने की अनुमति दी जाती है। उ.वा.स. में कुछ कारखानों के मामले में ऐसे समेकित विवरणी एक आम प्रचलन है।

1.3 ***उ.वा.स फ्रेम***

1.3.1 उ.वा.स का फ्रेम प्रत्येक राज्य में मुख्य कारखाना निरीक्षक (मु.का.नि.) द्वारा रखी जा रही पंजीकृत कारखाना इकाइयों तथा बीड़ी एवं सिगार प्रतिष्ठानों के संबंध में पंजीकरण प्राधिकरणों द्वारा रखी जा रही सूचियों पर आधारित है। इस फ्रेम को राज्य के मुख्य कारखाना निरीक्षक के परामर्श से राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.) के क्षेत्रीय संकार्य प्रभाग (क्षे.सं.प्र.) के क्षेत्रीय कार्यालयों द्वारा सालाना संशोधन एवं अद्यतन किया जाता है। संशोधित करते समय उन कारखानों के नाम उ.वा.स फ्रेम से हटा दिए जाते हैं जिनका पंजीकरण रद्द कर दिया गया हो तथा नई पंजीकृत कारखानों के नाम उसमें शामिल कर लिए जाते हैं। फ्रेम को अद्यतित करते समय केवल नई पंजीकृत इकाइयों को ही विद्यमान फ्रेम में शामिल किया जाता है। फ्रेम को नियमित रूप से अद्यतन किए जाने के बावजूद भी यह पाया जाता है

कि सर्वेक्षण के लिए चयनित बहुत से कारखाने सर्वेक्षण के दौरान गैर-अस्तित्व, अपंजीकरण, तथा कवरेज से बाहर होने जैसे विभिन्न कारणों से निकल जाते हैं।

1.3.2 यह उल्लेखनीय है कि प्रचालन में रहने वाले कारखानों को छोड़कर उ.वा.स. फ्रेम में ऐसे कारखाने शामिल हैं, जिन्हें पैरा 1.6.2 में यथा परिभाषित *'अचल आस्तियों व मेनटेनिंग स्टाफ सहित विद्यमान, परंतु उत्पादन रहित 'तथा 'अचल आस्तियों सहित विद्यमान, परंतु मेनटेनिंग स्टाफ व उत्पादन रहित'* के रूप में वर्गीकृत किया गया है।

1.4 *संदर्भ अवधि*

1.4.1 उ.वा.स. 2023-24 की संदर्भ अवधि कारखाना का लेखा वर्ष था, जो वित्तीय वर्ष 2023-24 के दौरान किसी भी दिन समाप्त हो सकता था। अत: उ.वा.स. 2023-24 में विभिन्न प्रतिष्ठानों से संग्रहित किए गए ऑकड़े उनके अपने लेखा वर्ष से संबन्धित हैं, जो 1 अप्रैल, 2023 व 31 मार्च, 2024 के बीच किसी भी दिन समाप्त हुए हों । यह सर्वेक्षण अक्तूबर, 2024 से जून, 2025 के दौरान आयोजित किया गया था।

1.5 *प्रतिदर्श डिज़ाइन एवं प्रतिदर्श आबंटन*

1.5.1 उ.वा.स. 2023-24 में अपनाए गए प्रतिदर्श डिज़ाइन के अनुसार उ.वा.स. प्रतिदर्श के दो भाग हैं- केंद्रीय प्रतिदर्श व राज्य प्रतिदर्श। केंद्रीय प्रतिदर्श के दो स्कीम हैं - गणना और प्रतिदर्श । गणना स्कीम के अंतर्गत सभी इकाईयों का सर्वेक्षण किया जाता है।

1.5.2 **गणना स्कीम** : गणना स्कीम में निम्नलिखित इकाइयॉ शामिल हैं:

(क) सभी औद्योगिक इकाइयाँ, जो औद्योगिक रूप से दस कम विकसित राज्य/ संघ राज्य क्षेत्र यथा - अंडमान एवं निकोबार द्वीप समूह, अरूणाचल प्रदेश, लद्दाख, लक्षद्वीप, मणिपुर, मेघालय, मिज़ोरम, नागालैंड, सिक्किम, और त्रिपुरा में स्थित है।

(ख) फ्रेम NIC= 0893 (नमक संकर्षण) की सभी इकाइयाँ।

(ग) (क) में उल्लिखित को छोड़कर अन्य राज्यों/ संघ-राज्य क्षेत्रों के लिए।

(i) छह राज्यों/ संघ राज्य क्षेत्रों यथा- जम्मू और कश्मीर, हिमाचल प्रदेश, राजस्थान, बिहार, छत्तीसगढ़ और केरल की वे इकाईयॉ जिनमें 75 या अधिक कामगर हों;

(ii) तीन राज्यों/ संघ राज्य क्षेत्रों यथा-चंडीगढ़, दिल्ली तथा पुडुच्चेरी की वे इकाइयाँ जिनमें 50 या अधिक कामगर हों;

(iii) शेष राज्यों/ संघ राज्य क्षेत्रों जो उपरोक्त (i) तथा (ii) में उल्लिखित नहीं हैं के लिए वे इकाइयाँ जिनमें 100 या इससे ज्यादा कामगर हों और;

(iv) संयुक्त विवरणी के अंतर्गत आनेवाली सभी इकाइयाँ जहॉ संयुक्त विवरणी तभी मान्य है जब एक ही प्रबंधन के अंतर्गत, एक ही राज्य/ संघ राज्य क्षेत्र और एक ही उद्योग (3-अंकीय NIC स्तर) में स्थित कारखाना की दो या अधिक इकाईयां हों।

(घ) उपरोक्त (क), (ख) एवं (ग) में परिभाषित गणना स्कीम इकाईयों को छोड़कर स्ट्राटा का निर्माण राज्य x जिला x क्षेत्र x तीन अंकीय NIC - 2008 स्तर पर किया जाता है। यहाँ, '*क्षेत्र*' बहुत बड़ा आर्थिक समूह है जिसमें विनिर्माण, बिजली उत्पादन कार्य तथा '*बीड़ी*' बनाने का कार्य शामिल है। इस प्रकार, संक्षेप में, क्षेत्र - (i) बीड़ी (ii) विनिर्माण और (iii) बिजली हैं। स्ट्राटा से संबंधित सभी इकाइयाँ *(अर्थात राज्य में जिला द्वारा क्षेत्र द्वारा तीन अंकीय NIC-2008 द्वारा इकाई के आधार पर निर्मित)* जो चार इकाईयों के बराबर या उससे कम हैं, की संपूर्ण परिगणना की जाती है और इस प्रकार उन्हें ''गणना क्षेत्र' की इकाई समझा जाता है।

(ड.) प्रतिदर्श स्कीम:

फ्रेम में बचे हुए सारे इकाइयों को **प्रतिदर्श स्कीम** के अंतर्गत समझा जाता है। सभी राज्यों के लिए **स्ट्राटा का निर्माण प्रत्येक राज्य x जिला x क्षेत्र x तीन अंकीय NIC-2008 कारखानों** के लिए किया जाता है। प्रत्येक स्ट्रैटम में इकाइयों को कर्मचारियों की संख्या के अनुसार अवरोही क्रम में रखा जाता है। सर्कुलर सिस्टैमेटिक प्रतिदर्श तरीके के आधार पर प्रतिदर्श निकले जाते हैं। न्यूनतम चार इकाइयों वाले समसंख्यक इकाइयों का चयन किया जाता है ओर उसे चार उप-प्रतिदर्शों में बराबर बॉट दिया जाता है। उल्लेखनीय है कि एक विशेष स्ट्रैटम के चार उप-प्रतिदर्शों की संख्या समान नहीं भी हो सकती है।

(च) इन चार उप-प्रतिदर्शा में से दो पूर्व-निर्दिष्ट उप-प्रतिदर्श राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.) क्षेत्र संकार्य प्रभाग (क्षे.सं.प्र.) को दिया जाता है और बाकी दो उप-प्रतिदर्श डाटा संग्रहण हेतु राज्य/ संघ राज्य क्षेत्र को दे दिया जाता है।

(छ) संपूर्ण गणना इकाई *व* राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.) क्षेत्र संकार्य प्रभाग (क्षे.सं.प्र.) को दिए गए दो उप-प्रतिदर्शों की सभी इकाइयों को **केंद्रीय प्रतिदर्श** समझा जाता है।

(ज) राज्य/ संघ राज्य क्षेत्र को दिए गए दो उप-प्रतिदर्शों को अपने राज्य/ संघ-राज्य क्षेत्र द्वारा कैनवस किया जाना है। अत: राज्य/ संघ राज्य क्षेत्रों को उनके संबन्धित राज्य/ संघ राज्य क्षेत्र के जिला स्तरीय प्राक्कलनों को प्राप्त करते समय राज्य प्रतिदर्श डाटा सहित राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.) क्षेत्र संकार्य प्रभाग (क्षे.सं.प्र.) द्वारा संग्रहित तथा उद्यम सर्वेक्षण प्रभाग (उ.स.प्र.), राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.) द्वारा संसाधित डाटा का प्रयोग करना पड़ता है।

(झ) राज्य प्रतिदर्श एवं केंदीय प्रतिदर्श 'पूल' करने हेतु संपूर्ण गणना इकाई *व* राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.) क्षेत्र संकार्य प्रभाग (क्षे.सं.प्र.) को दिए गए दो उप-प्रतिदर्शों की सभी इकाइयों व राज्य/ संघ राज्य क्षेत्र को दिए गए दो उप-प्रतिदर्शों की आवश्यकता पड़ती है।

1.5.3 उल्लेखनीय है कि प्रतिदर्शों को सभी स्ट्राटा से 7.5% समग्र प्रतिदर्श अंश समझकर लिया गया है। 'खुला','अचल आस्तियों व मेनटेनिंग स्टाफ सहित विद्यमान परंतु उत्पादन रहित' तथा 'अचल आस्तियों सहित परंतु मेनटेनिंग स्टाफ व उत्पादन रहित' स्थिति वाली इकाइयों वाले लाइव फ्रेम का आकार 2,61,818 था। इनमें से 63,981 इकाइयाँ गणना क्षेत्र से संबन्धित थी, जबकि शेष 1,97,837 इकाइयाँ प्रतिदर्श क्षेत्र से संबन्धित थी। उ.वा.स. 2023-24 हेतु कुल प्रतिदर्श आकार 83,620 (गणना 63,981 तथा प्रतिदर्श 19,639) इकाइयाँ थी।

1.6 प्राक्कलन पद्धति

1.6.1 प्राक्कलन की अभिलक्षणों की पद्धतियों को ***परिशिष्ट - II*** में दर्शाया गया है।

1.6.2 कुछ चयनित इकाइयों के संबंध में सर्वेक्षण के दौरान पाया जाता है कि इकाई दिए गए स्थान पर विद्यमान थी और संदर्भ अवधि के दौरान कुछ कामगर भी काम में लगे हुए थे, परंतु विभिन्न कारणों से संदर्भ अवधि में उनका उत्पादन शुरू नहीं हुआ था और जो समस्याओं का समाधान होने पर किसी भी क्षण उत्पादन प्रारंभ कर सकती है। इन इकाइयों को संदर्भ अवधि के दौरान उ.वा.स. के उद्देश्य से 'अचल आस्तियों व मेनटेनिंग स्टाफ सहित विद्यमान परंतु उत्पादन रहित' समझा जाता है और उसी तरह से दूसरे सर्वेक्षित इकाइयों (यथा ऐसी इकाई जिनके लिए संगत सूचना एकत्रित की जा सके) के सभी मापदण्डों जैसे, आस्तियॉं, रोजगार, इत्यादि के साथ रखा जाता है। कुछ दूसरे इकाई भी हैं जो किसी दिए गए स्थान पर विद्यमान थी, परंतु संदर्भ अवधि में न तो किसी कामगर की नियुक्ति की और न ही उत्पादन आरंभ किया और न ही कोई उत्पादन किया। ऐसी इकाइयों को उ.वा.स. के उद्देश्य से, संदर्भ अवधि में 'अचल आस्तियों सहित परंतु मेनटेनिंग स्टाफ व उत्पादन रहित' समझा जाता है। इसके अलावा, साधारणत:, ऐसी इकाइयों को लगातार तीन वर्षों तक फ्रेम में रखा जाता है और सर्वेक्षण में चयन के लिए यह सोचकर उपयुक्त समझा जाता है कि वे कुछ कामगरों को रखकर कभी भी उत्पादन प्रारंभ कर सकते हैं। तथापि, यदि लगातार तीन वर्षों तक ऐसी इकाइयाँ जो 'अचल आस्तियों सहित परंतु मेनटेनिंग स्टाफ व उत्पादन रहित' अस्तित्व में पायी जाती हैं, तो इन्हें मृत मान लिया जाता हैं और फ्रेम से विलुप्त कर सर्वेक्षण से हटा दिया जाता है। उल्लेखनीय है कि संदर्भित अवधि के लिए इकाइयों (कारखानों) की प्राक्कलित संख्या देने में, इस रिपोर्ट में प्रस्तुत मापदण्डों के प्रचलित तरीके से प्राक्कलन के लिए इन इकाइयों को अन्य सर्वेक्षित इकाइयों के साथ रखा जाता है।

1.6.3 प्रकाशन में जो परिणाम दिए गए हैं वे, क्षेत्र संकार्य प्रभाग (क्षे.सं.प्र.), राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.) द्वारा संग्रहित तथा उद्यम सर्वेक्षण प्रभाग (उ.स.प्र.), राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.) द्वारा संसाधित केंद्रीय प्रतिदर्श डाटा पर आधारित हैं। इसके अतिरिक्त, इस प्रकाशन में दिए गए प्राक्कलित मूल्य के ऑकड़े वर्तमान मूल्यों में दिए गए हैं। मूल्यांकों को हजार या लाख रू. के पूर्णांक में लिखा जाता है। अखिल भारतीय ऑकड़ों को अलग से पूर्णांक में लिखा जाता है जो राज्य/ संघ राज्य क्षेत्र आँकड़ों के योग से मेल नहीं भी खा सकते हैं। इसी प्रकार, उद्योग-वार ऑकड़े अलग-अलग उद्योग ऑकड़ों के योग से मेल नहीं भी खा सकते हैं। विभिन्न स्तरों पर उद्योगों के विलयन के कारण (पैरा 1.9.2), निम्न स्तर की उद्योगवार कुल संख्या का मेल परवर्ती उच्चतर संख्या से नहीं भी हो सकता है।

1.7 *जॉच की अनुसूची*

1.7.1 उ.वा.स. 2023-24 की अनुसूची के दो भाग हैं। भाग-1, जिसका संसाधन औ.सां. स्कंध, उद्यम सर्वेक्षण प्रभाग (उ.स.प्र.), राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.), में किया जाता है, का उद्देश्य अचल आस्तियों और देयताओं, रोजगार एवं श्रम लागत, फुटकर प्राप्ति, फुटकर व्यय, उपभुक्त सामग्री- देशी एवं आयातित, विनिर्मित उत्पाद एवं उपोत्पाद, विभाजक व्यय आदि के संबंध में डाटा संग्रहण करना है। भाग दो, जिसका संसाधन श्रम ब्यूरो द्वारा किया जाता है, का उद्देश्य श्रम सांख्यिकी से संबंधित विभिन्न पक्षों, जैसे कार्य दिवस, श्रम दिन, अनुपस्थिति, श्रमिकावर्त, श्रम घंटे, उपार्जन एवं सामाजिक सुरक्षा लाभों के बारे में डाटा एकत्रित करना है।

1.7.2 उ.वा.स. 2023-24 अनुसूची की एक प्रति ***परिशिष्ट - III*** में दी गई है। उ.वा.स. सर्वेक्षण में प्रयुक्त विभिन्न अवधारणाएं व परिभाषाएं ***परिशिष्ट - IV*** में दी गई हैं।

1.8 *उद्योगों का वर्गीकरण*

1.8.1 केंद्रीय उत्पाद वर्गीकरण (के.उ.व.) संयुक्त राष्ट्र संघ द्वारा लागू आर्थिक वर्गीकरण की अंतरराष्ट्रीय प्रणाली के अंतर्गत सभी उत्पाद वर्गीकरण के संदर्भ के रूप में कार्य करती है। यह एक पूर्ण उत्पाद वर्गीकरण है जिसमें एसएनए फ्रेमवर्क के तहत उत्पाद की परिभाषा के अनुरूप सभी वस्तुएं एवं सेवाएं शामिल हैं। विनिर्माण क्षेत्र के लिए राष्ट्रीय उत्पाद वर्गीकरण (NPCMS), 2011, जो औद्योगिक सांख्यिकी स्कंध, कोलकाता द्वारा विकसित एक 7-अंकीय उत्पाद वर्गीकरण है, CPC के अनुच्छेद 0 से 4, संस्करण-2.0 पर आधारित है, जिसका संबंध विनिर्माण क्षेत्र के उत्पादों से है। NPCMS-2011 कोडों का प्रयोग उ.वा.स. 2010-11 से 2014-15 तक के उ.वा.स. अनुसूची के 'H', 'I' व 'J' ब्लॉक में स्थित इनपुट आउटपुट मदों को दर्ज करने के लिए किया गया है। उ.वा.स. 2015-16 से, NPCMS, 2011 का संशोधित संस्करण उ.वा.स. में संग्रहित इनपुट एवं आउटपुट मदों को वर्गीकृत करने में किया जाता है।

1.8.2 उ.वा.स 1973-74 से उ.वा.स. 1988-89 तक कारखानों के आर्थिक क्रियाकलापों के वर्गीकरण के लिए NIC-1970 का अनुसरण किया गया था। उस समय NIC-1987 को चालू किया गया था जिसका उ.वा.स. 1997-98 तक अनुसरण किया गया। उ.वा.स. 1998-99 से उ.वा.स. 2003-04 तक NIC-1998 का अनुसरण किया गया था। उ.वा.स. 2004-05 से वर्गीकरण की नई श्रेणी अर्थात NIC-2004 चालू की गई और इसे ही उ.वा.स. 2007-08 तक प्रयोग में लाया गया। उ.वा.स. 2008-09 से NIC-2008 चालू किया गया। यह उ.वा.स. फ्रेम के सभी कारखानों को उनके द्वारा विनिर्मित मुख्य उत्पाद के मूल्य के आधार पर समुचित उद्योग समूहों के रूप में वर्गीकृत करती है। इस पद्धति से कोई इकाई किसी एक उद्योग समूह में केवल एक ही बार वर्गीकृत की जाती है, चाहे उक्त इकाई द्वारा विभिन्न उद्योग समूहों से संबंधित उत्पादों का विनिर्माण क्यों न किया जा रहा हो। इस रिपोर्ट में प्रस्तुत विभिन्न समूहों के प्राक्कलन दो या तीन या चार अंकीय स्तर के उद्योग NIC 2008 वर्गीकरण से मेल खाते हैं। **2-अंकीय एन.आई.सी. विभाजन 10-33, 38 व 58 के सभी कारखानें और एन.आई.सी. 2008 के उप-वर्ग 01632, 01640 एवं 08932 और अन्य कारखानें (सारणी 0 में सूचीकृत) भी उ.वा.स. 2023-24 में शामिल हैं। इस प्रकाशन के लिए सारणी 0 उद्योगों के वर्गीकरण को वृहत् श्रेणी में दर्शाती है।** NIC. 2008 कोड के अंतर्गत ¾-अंकीय स्तर की सूची विवरण सहित ***परिशिष्ट - V*** में दिया गया है।

सारणी 0 : वृहत श्रेणी में उद्योगों का वर्गीकरण

एन.आई.सी.-08	वृहत श्रेणी का नाम
10-33, 38 व 58	चुनिन्दा विनिर्माण
35 व 36	विद्युत, गैस, जलापूर्ति
01: 01632 (कपास जिनिंग, सफाई व गट्ठे में बांधना), 01640 (प्रजनन हेतु बीज प्रक्रमण),	अन्य
08:08932 (समुद्री जल अथवा अन्य खारे जल के वाष्पीकरण द्वारा नमक उत्पादन)	
3700 (निकासी)	
4520 (मोटर वाहनों की मरम्मत व रख-रखाव)	
4540 (मोटर साईकिल व इनसे जुड़े अवयवों की बिक्री रख-रखाव व मरम्मत)	
5210 (मालगोदाम व भंडारण)	
5911 (चलचित्र, विडियो और दूरदर्शन कार्यक्रमों के निर्माण संबंधी गतिविधियॉ)	
5912 (चलचित्र, विडियो और दूरदर्शन कार्यक्रमों की तैयार होने के बाद की गतिविधियॉ)	
5913 (चलचित्र, विडियो और दूरदर्शन कार्यक्रमों की तैयार होने के वितरण संबंधी गतिविधियॉ)	
5920 (ध्वनि रिकार्डिंग व संगीत प्रकाशन गतिविधियाँ)	
7420 (फोटोग्राफी संबंधी गतिविधियाँ)	
8292 (पैकेजिंग गतिविधियाँ)	
95 (कंप्यूटर एवं अन्य घरेलू सामान की मरम्मत)	
9601 (वस्त्रों एवं रोएं से निर्मित सामानों की धुलाई व निर्जल धुलाई)	

1.9 *प्रकाशन एवं प्रतिबंध*

1.9.1 इस प्रकाशन में दिए गए परिणाम क्षे.सं.प्र., राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.), द्वारा संग्रहित और उद्यम सर्वेक्षण प्रभाग (उ.स.प्र.), राष्ट्रीय सांख्यिकी कार्यालय (रा.सां.का.), द्वारा संसाधित केंद्रीय प्रतिदर्श डाटा पर आधारित होते हैं। उ.वा.स. 2023-24 के परिणाम अखिल भारतीय स्तर में NIC-2008 के 2/ 3/ 4-अंकीय स्तर पर तथा राज्यों/ संघ-राज्य क्षेत्रों के लिए NIC-2008 के 2/ 3-अंकीय स्तर पर जारी किए जाते हैं। जबकि खंड-I अचल पूंजी तथा वर्धित मूल्य, रोजगार तथा मजदूर लागत, खपत ईंधन आदि की सारणी से संबन्धित हैं, वहीं खंड-II में 3-अंकीय NIC राज्यवार खपत माल के साथ-साथ कारखानों द्वारा उत्पन्न उत्पाद और उपोत्पाद शामिल हैं। इन इनपुट आउटपुट मदों को विनिर्माण क्षेत्र (NPC-MS), 2011 (संशोधित) के लिए राष्ट्रीय उत्पाद वर्गीकरण के अनुसार वर्गीकृत किया जाता है। इनके अतिरिक्त, दूसरा प्रकाशन, यथा कारखाना क्षेत्र के सारांश परिणाम को अखिल भारतीय/ संघ राज्य क्षेत्रों व NIC-2008 के 2-अंकीय स्तर के मुख्य अभिलक्षणों पर विशेष सारणियों के माध्यम से उ.वा.स परिणामों का सार दृष्टिकोण देने के उदेश्य से तैयार किया जाता है। यह महत्वपूर्ण अभिलक्षणों जैसे रोजगार का आकार, पूंजी, सकल उत्पाद और निवल वर्धित मूल्य द्वारा कारखानों के वितरण को दर्शाता है।

1.9.2 सांख्यिकी संग्रहण अधिनियम, 2008 में वैयक्तिक कारखानों का डाटा प्रकटीकरण निषिद्ध है। अत: अगर किसी राज्य में (NIC-2008 के 2-अंकीय/ 3-अंकीय स्तर) के किसी उद्योग के अंतर्गत कारखानों की संख्या तीन से कम हो, तो संबंधित स्ट्रैटम के ऐसे सभी इकाईयों की पहचान छुपाने के लिए डाटा को समरूपी उद्योग से मिला दिया गया है। ऐसे विलयित उद्योगों की सूची ***परिशिष्ट - VI*** में दी गई है। इसी तरह यदि अखिल भारतीय स्तर पर NIC 4-अंकीय/ 3-अंकीय स्तर के अंतर्गत इकाईयों की संख्या तीन से कम है, तो इस उद्योग को उसी वृहत उद्योग समूह के अंतर्गत समरूपी उद्योग में विलयित कर दिया गया है।

1.9.3 सभी प्राक्कलन, विशेषत: किसी विशेष उपभुक्त व उत्पादित मद की मात्रा और 'वैल्यू' आंकड़े के लिए सांख्यिकीय चूकों के अध्यधीन है क्योंकि इनका प्राक्कलन किसी चयनित प्रतिदर्श के आधार पर किया जाता है। अवलोकन की संख्या अपर्याप्त होने वाले वस्तुओं के लिए उपभोग तथा उत्पादन का प्राक्कलन पृथक रूप से नहीं किया जाता है । उन्हें ***'अन्य'*** के अंतर्गत दर्शाया जाता है क्योंकि ऐसे मदों के प्राक्कलन संगत नहीं भी हो सकते हैं।

1.9.4 सारणीयन नीति के तहत NIC-2008 के अनुसरण में विस्तृत सूचना का प्रकाशन उद्योग कोड 01,08,10 से 33, 38 व 58 के अनुरूप करने का निर्णय लिया गया है। उ.वा.स. विस्तार के अंतर्गत अन्य सभी उद्योग कोडों के लिए ईकाईयों को एक साथ मिलाया गया है और उन्हें एक सामान्य उद्योग **'अन्य'** के अंतर्गत विभिन्न सारणियों में दर्शाया गया है।

1.9.5 सारणीकरण नीति के अनुसार, उ.वा.स. 2023-24 में उभयलिंगी (ट्रांसजेंडर) कर्मचारियों को शामिल किए जाने के कारण, कुछ राज्यों एवं NIC स्तर के लिए प्रत्यक्ष श्रमिकों की संख्या का आकलन पुरुष और महिला श्रमिकों की संख्या के आकलन के योग के बराबर नहीं भी हो सकता है।

1.9.6 अन्य उल्लेखनीय बिन्दु यह है कि 'डिसएग्रीगेट' स्तर पर इस रिपोर्ट में दिखाए गए कुछ मापदण्डों में दर और अनुपात, मुख्यत: छोटे राज्यों व संघ राज्य क्षेत्रों, जो उद्योगों के 2/ 3/ 4-अंकीय स्तर द्वारा क्रॉस वर्गीकृत (cross classified) हैं, छोटे प्रतिदर्श आकार की सीमा के अध्यधीन हैं और अत: प्रयोगकर्ता द्वारा सावधानी से इन मापदण्डों के आकार तथा बदलाव की व्याख्या की जाएं।

1.9.7 किन्ही निश्चित मामलों में, कुछ अभिलक्षणों में, पिछले वर्ष की तुलना में असामान्य बढ़त/ गिरावट हो सकती हैं, इसके संभावित कारण निम्नलिखित है:-

(क) फ्रेम में, मुख्यत: गणना क्षेत्रों में नई ईकाईयों का समावेश।
(ख) गुणकों के पर्याप्त मूल्य रखने वाले कुछ प्रतिदर्श ईकाईयों का चयन/ अचयन।
(ग) गणना ईकाईयों का बंद हो जाना/ अप्रचालन में होना, जिनका पिछले वर्ष अर्थव्यवस्था पर काफी प्रभाव था।
(घ) विपरीतता से, पिछले वर्ष के प्रतिदर्श इकाईयों का वर्तमान वर्ष की गणना इकाईयों में चले जाना जो कि नियोजन के आकार या प्रतिदर्श नीति या दोनों पर निर्भर करता है।
(ड.) विभिन्न कारणों से पिछले वर्ष के कार्य निष्पादन की तुलना में वर्तमान वर्ष में इकाईयों का उच्च/ निम्न कार्य निष्पादन।

1. *Introduction*

1.1 *Scope and Coverage*

1.1.1 Annual Survey of Industries (ASI) has been conducted since 1959 under the Collection of Statistics Act, 1953. Presently, the survey is being conducted under the Collection of Statistics Act, 2008 as amended in 2017 and Rules framed there under in 2011. The Survey is designed to obtain comprehensive and detailed data with the objective of estimating the contribution of registered manufacturing sector as a whole to Gross Domestic Product of the Country and also by type of industry, systematic study of the structure of the industries by type of industry, study of the various factors influencing the industries for formulation of industrial policies. A copy of the above Act and the Rules made there under is given in ***Annexure–I***.

1.1.2 Coverage of the Annual Survey of Industries extends to the entire Factory Sector comprising industrial units (called factories) registered under the Sections 2(m)(i) and 2(m)(ii) of the Factories Act, 1948, wherein a 'Factory', which is the primary statistical unit of enumeration for the ASI, is defined as:

'Any premises' including the precincts thereof: -

i. Wherein ten or more workers are working or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power or is ordinarily so carried on, or,
ii. Wherein twenty or more workers are working or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on without the aid of power or is ordinarily so carried on, but does not include a mine subject to the operation of the Mines Act, 1952, or a railway running shed.

The 'manufacturing process' referred to above has been defined [vide Section 2(k)] in the Factories Act, 1948 as:

'Any process' for

i. making, altering, ornamenting, finishing, packing, oiling, washing, cleaning, breaking up, demolishing or otherwise treating or adapting any article or substance with a view to its use, sale, transport, delivery or disposal; or,
ii. pumping oil, water or sewage; or,
iii. generating, transforming or transmitting power; or,
iv. composing types for printing by letter press, lithography, photogravure or other similar process or book binding; or,
v. constructing, reconstructing, repairing, refitting, finishing or breaking up ships or vessels; or
vi. preserving or storing any article in cold storage.

1.1.3 The above definition is slightly modified due to the amendment of the Factories Act, 1948 for the State of Maharashtra and Rajasthan, which is applicable from ASI 2015-2016 onwards and for Goa, which is applicable from ASI 2022-2023 onwards. In addition to the above states, the definition has been modified for ten other states, namely; Andhra Pradesh, Arunachal Pradesh, Assam, Gujarat, Haryana, Jammu & Kashmir, Odisha, Punjab, Tripura, and Uttar Pradesh, which is applicable from ASI 2023-2024 onwards. The amendment section is as follows:

"Section 2m(i) has been modified, i.e., from 10 or more workers with power to 20 or more workers with power and also Section 2m(ii), i.e., from 20 or more workers without power to 40 or more workers without power."

1.1.4 In addition to Sections 2(m)(i) & 2(m)(ii) of the Factories Act, 1948, bidi & cigar units, employing 10 or more workers with the aid of power and 20 or more workers without the aid of power and registered under the Bidi & Cigar Workers (Conditions of Employment) Act, 1966 are also covered in ASI. All electricity undertakings engaged in generation, transmission and distribution of electricity, not registered with the Central Electricity Authority (CEA) are also covered under ASI.

1.1.5 Starting from ASI 2014-15, the coverage of ASI has been extended beyond the Section 2m (i) and 2m (ii) of the Factories Act, 1948. To start with, the units with 100 or more employees, not registered under Section 2m (i) and 2m (ii) of the Factories Act, 1948 but registered under any of the seven Acts / Board / Authority viz., Companies Act. 1956, Factories Act. 1948, Shops and Commercial Establishment Act, Societies Registration Act, Cooperative Societies Act, Khadi and Village Industries Board, Directorate of Industries (District Industries Centre) in the Business Register of Establishments (BRE) as prepared by the State Governments and verified by Field Operations Division (FOD) of National Statistics Office (NSO) are also considered for selection as and when such lists are shared by the State Governments.

1.1.6 Following the relaxation of employee criteria for census in the Business Register of Establishments (BRE), which was earlier as “100 or more” and now adopted as “10 or more” [till the time Chief Inspector of Factories (C.I.F.) is established] for the Union Territory of Ladakh, eligible units are considered, starting from ASI 2022-2023 survey, and taken into the estimates of parameters for Ladakh.

1.1.7 In a manner similar to the relaxation of employee criteria for census in the case of the Union Territory of Ladakh (as mentioned in para 1.1.6), eligible units from the Union Territory of Lakshadweep, are considered for the first time from ASI 2023-2024 and taken into the estimates of parameters for Lakshadweep.

1.1.8 Although the scope of ASI extends to all registered manufacturing establishments in the country, defence establishments, oil storage and distribution depots, restaurants, hotels, café and computer services, departmental units such as railway workshops, RTC workshops, Govt. Mints, sanitary, water supply, gas storage units etc. are excluded from the purview of the Survey. The Survey is conducted annually under the statutory provisions of the Collection of Statistics Act 2008, as amended in 2017 and the Rules framed there-under in 2011. The geographical coverage of the Annual Survey of Industries 2023-2024 has been extended to the entire country.

1.2 *Unit of Enumeration*

1.2.1 The primary unit of enumeration in the survey is a factory in the case of manufacturing industries, a workshop in the case of repair services, an undertaking or a licensee in the case of electricity, gas and water supply undertakings and an establishment in the case of bidi and cigar industries. The owner of two or more establishments located in the same state and pertaining to the same industry group, however, is permitted to furnish a single consolidated return, termed as ‘Joint Return’. Such consolidated returns are a common feature in case of some of the factories in ASI.

1.3 *ASI Frame*

1.3.1 ASI frame is based on the lists of registered factories/units maintained by the Chief Inspector of Factories (CIF) in respective States and those maintained by registration authorities in respect of bidi and cigar establishments. The frame is being revised and updated annually by the Regional Offices of the Field Operations Division (FOD) of NSO in consultation with the Chief Inspector of Factories in each State. At the time of revision, the names of the de-registered factories are removed from the ASI frame and those of the newly registered factories are added. While updating the frame, only newly registered units are added to the existing frame. In spite of regular updating of the frame, quite a number of factories selected for the survey are getting deleted during the survey owning to various reasons like non-existence, de-registration, out of coverage etc.

1.3.2 It is to be noted that apart from the factories in operation, the ASI frame comprises of factories which are categorised as *'Existing with fixed assets and maintaining staff but not having production'* and *'Existing with fixed assets but not maintaining staff and not having production'* as defined in paragraph 1.6.2.

1.4 *Reference Period*

1.4.1 Reference period for ASI 2023-2024 was the accounting year of the factory, ending on any day during the financial year 2023-2024. Thus, in ASI 2023-2024, data collected from establishments relate to their respective accounting years that ended on any day between 1st April 2023 and 31st March 2024. Survey was conducted during October 2024 to June 2025.

1.5 *Sample Design and Sample Allocation*

1.5.1 As per sampling design adopted in ASI 2023-2024, ASI sample comprises of two parts – Central Sample and State Sample. The Central Sample consists of two schemes: Census and Sample. Under Census scheme, all the units are surveyed.

1.5.2 **Census Scheme:** Census scheme consists of the following units:

(a) All industrial units belonging to the ten less industrially developed States/UTs viz. Andaman & Nicobar Islands, Arunachal Pradesh, Ladakh, Lakshadweep, Manipur, Meghalaya, Mizoram, Nagaland, Sikkim and Tripura.

(b) All industrial units belonging to frame NIC=0893 (salt extraction)

(c) For the States/ UTs other than those mentioned in (a),

(i) units having 75 or more employees from six States/UTs, namely, Jammu & Kashmir, Himachal Pradesh, Rajasthan, Bihar, Chhattisgarh and Kerala;

(ii) units having 50 or more employees from three States/UTs, namely, Chandigarh, Delhi and Puducherry;

(iii) units having 100 or more employees for rest of the States/UTs, not mentioned in (i) and (ii) above and;

(iv) all units covered under 'Joint Return' (JR), where JR is allowed when the two or more units located in the same State/UT belonging to the same industry (3-digit level of NIC) under the same management.

(d) After excluding the Census Sector units as defined in paragraphs (a), (b) and (c) above, the strata are formed at State × District × Sector × 3-digit of NIC-2008 level. Here, '*sector*' is very broad economic activity group consisting of manufacturing, electricity generation activity and *bidi* producing activity. Thus, in short, sectors are (i) Bidi, (ii) Manufacturing and (iii) Electricity. All units belonging to the strata (i.e., formed on the basis of units in *State by District by Sector by 3-digit of NIC-08*) having less than or equal to 4 units are completely enumerated and are thus considered as 'census sector' units.

(e) Sample scheme:

All the remaining units in the frame are considered under **Sample Scheme**. For all the states, **strata are formed for each State x District x Sector x 3-digit NIC-2008 factories**. The units in each stratum are arranged in descending order of their number of employees. Samples are drawn as per Circular Systematic Sampling technique. An even number of units with a minimum of 4 units are selected and distributed in four sub-samples. It may be noted that all the 4 sub-samples from a particular stratum may not have equal number of units.

(f) Out of these 4 sub-samples, two pre-assigned sub-samples are given to NSO (FOD) and the other two-subsamples are given to State/UT for data collection.

(g) The entire census units *plus* all the units belonging to the two sub-samples given to NSO (FOD) are treated as the **Central Sample**.

(h) The units belonging to the two sub-samples allocated to States/UTs are to be canvassed by the respective States/UTs. Hence, State/UT has to use the data collected by NSO (FOD) and processed by Enterprise Survey Division (EnSD), NSO along with the state sample data while deriving the district level estimates for their respective State/UT.

(i) The entire census scheme units *plus* all the units belonging to the two sub-samples given to NSO (FOD) *plus* all the units belonging to the two sub-samples given to State/UT are required for pooling of Central and State Samples.

1.5.3 It may be noted that samples have been drawn considering an overall sampling fraction of 7.5% from all strata. The size of the live frame containing units with status ‘open’, ‘Existing with fixed assets and maintaining staff but not having production’ or ‘Existing with fixed assets but not maintaining staff and not having production’ was 2,61,818. Of these, 63,981 units belonged to the Census Sector, while the remaining 1,97,837 units formed the Sample Sector. Total sample size for ASI 2023-2024 was 83,620 (63,981 Census and 19,639 Sample) units.

1.6 *Estimation Procedure*

1.6.1 The procedures for estimation of the characteristics are shown in ***Annexure – II***.

1.6.2 For some selected units, it is found during the survey that the unit existed in the given location and had engaged some employees during the reference period, but could not initiate production or did not produce anything during the reference period due to various reasons, and can take up production any moment once the problems are sorted out. These units, for the purpose of the survey, are considered as existing with fixed assets and maintaining staff but not having production and similarly placed with other surveyed units (i.e., units for which the relevant information could be collected) in respect of all parameters, such as, assets, employment, etc. There are some other units which existed in the given location, but did not engage any employee during the reference period, and also, did not initiate production or produce anything during the reference period. These units, for the purpose of ASI, are considered as existing with fixed assets but not maintaining staff and not having production, during the reference period. Moreover, as a matter of practice, these units are maintained in the frame for consecutive three years and are meant for selection for survey with the consideration that these units might start production any time employing some workers. In case, however, any such unit is found to be existing with fixed assets but not maintaining staff and not having production for consecutive three years, it is assumed to be dead and marked deleted from the frame and thus, from the survey. It is important to note that in providing the estimated number of units (factories) for the reference period, these units are also similarly placed with other surveyed units, in the usual manner, in estimating the parameters presented in this report.

1.6.3 The results presented in the publication are based on the central sample data collected by FOD, NSO and processed by EnSD, NSO. Moreover, all the estimated value figures given in this publication are reported at current prices. The value figures are generally rounded off to thousand rupees or lakhs of rupees. All India figures are rounded off separately and may not tally with the sum of State/UT's figures. Similarly, all-Industry figures may not tally with the sum of individual industry figures for the same reason. Also, the industry-wise totals at lower level may not tally with the next higher level due to merging of industries carried out at different levels (para 1.9.2).

1.7 *Schedule of Enquiry*

1.7.1 The schedule for ASI 2023-2024 has two parts. Part-I which is processed at EnSD, NSO, aims to collect data on fixed assets and liabilities, employment and labour cost, sundry receipts, sundry expenses, materials consumed– indigenous and imported, products and by-products manufactured, distributive expenses etc. Part-II, which is processed by the Labour Bureau, aims to collect data on different aspects of labour statistics, namely, working days, mandays worked, absenteeism, labour turnover, man-hours worked, earning and social security benefits.

1.7.2 A copy of the ASI 2023-2024 schedule is given as ***Annexure – III***. The different concepts and definitions used in ASI survey are given in ***Annexure – IV.***

1.8 *Classification of Industries*

1.8.1 Central Product Classification (CPC) serves as the reference classification for all product classifications within the international system of economic classifications put in place by the United Nations. It is a complete product classification covering all goods and services that follows the definition of products within the SNA framework. The National Product Classification for Manufacturing Sector (NPCMS), 2011, a 7-digit product classification developed by erstwhile IS Wing, Kolkata is based on Sections 0 to 4 of CPC, Version 2.0 that relate to products of manufacturing sector. NPCMS-2011 codes have been used to record input & output items in Blocks H, I and J of ASI schedule from ASI 2010-11 to 2014-15. From ASI 2015-16 onwards, revised version of NPCMS, 2011 is used to classify input & output items collected in ASI.

1.8.2 The NIC-1970 was followed to classify economic activities of the factories from ASI 1973-74 to ASI 1988-89. NIC-1987 had then been introduced and followed till ASI 1997-98. NIC-1998 was then followed from ASI 1998-99 to ASI 2003-04. From ASI 2004-05, a new series of classification, i.e., NIC-2004 has been introduced and the same has been used till ASI 2007-08. From ASI 2008-09, NIC- 2008 has been introduced. It classifies all the factories in the ASI frame in their appropriate industry groups on the basis of the principal product manufactured. This way a unit gets classified in one and only one industry group even though it might be manufacturing products belonging to different industry groups. The estimates for different aggregates presented in this report at two or three- or four-digit level of industry correspond to NIC-2008 classification. **All factories pertaining to 2-digit NIC divisions 10-33, 38 & 58 and sub-classes 01632, 01640 & 08932 of NIC-2008 and also other industries (listed in Table 0) are covered in ASI 2023-24. Table 0 shows the classification of industries into broad categories for this publication.** The list of 3/4-digit level of NIC-2008 codes under coverage along with descriptions is given in ***Annexure – V***.

Table 0: Classification of Industries into Broad Categories

NIC - 08	Name of Broad Category
10-33, 38 and 58	Selected Manufacturing
35 and 36	Electricity, Gas, Water Supply
01: 01632(Cotton ginning, cleaning and bailing); 01640(Seed processing for propagation)	Others
08: 08932 (Salt production by evaporation of sea water or other saline waters)	
3700 (Sewerage)	
4520 (Maintenance and repair of motor vehicles)	
4540 (Sale, maintenance and repair of motorcycles and related parts & accessories)	
5210 (Warehousing and storage)	
5911 (Motion picture, video and television programme production activities)	
5912 (Motion picture, video and television programme post-production activities)	
5913 (Motion picture, video and television programme distribution activities)	
5920 (Sound recording and music publishing activities)	
7420 (Photographic activities)	
8292 (Packaging activities)	
95 (Repair of computers and personal and household goods)	
9601 (Washing and (dry-) cleaning of textile and fur products)	

1.9 *Publications and Limitations*

1.9.1 The results presented in this publication are based on the central sample data collected by FOD, NSO and processed by EnSD, NSO. The results of ASI 2023-2024 are released at 2/3/4-digit level of NIC-2008 for all-India and at 2/3-digit level of NIC-2008 for States /UTs. While Volume-I contains tables related to fixed capitals and value added, employment and labour cost, fuels consumed etc., Volume-II contains NIC 3-digit by state-wise materials consumed as well as products & by-products generated by the factories. These input/output items are classified as per National Product Classification for Manufacturing Sector (NPC-MS), 2011(Revised). In addition to these, another publication viz. Summary Results for Factory Sector is prepared with a focus to give a summary view of ASI results through special tables on principal characteristics at All India and State/UTs and at 2-digit level of NIC-2008. It also gives the distribution of factories by important characteristics such as size of employment, capital, gross output and net value added.

1.9.2 The Collection of Statistics Act, 2008 prohibits disclosure of data relating to individual factories. Therefore, if the number of factories under any industry (2-digit/3-digit level of NIC-2008) in a state is less than three, the data have been combined to a similar industry in order to conceal the identity of all such units belonging to the concerned stratum. A list of such merged industries is given in ***Annexure – VI.*** Similarly, if number of units under any 4-digit/3-digit level of NIC at All-India level is less than three, the industry has been merged to a similar industry under the same broad industry group.

1.9.3 All the estimates, especially for quantity and value figures for any particular item consumed and produced, are subject to Statistical Errors as these are estimated on the basis of a selected sample. The consumptions and productions are not estimated separately for those items for which the number of observations is insufficient. They have been reported under 'others' as the estimates for those items may not be efficient.

1.9.4 As per tabulation policy it has been decided to publish the detailed information corresponding to industry codes 01, 08, 10 to 33, 38 and 58 following NIC-2008. For all other industry codes under ASI coverage, the units have been clubbed and shown under a common industry '**Other**' in different tables.

1.9.5 As per the tabulation policy, the estimate for the number of Direct Workers may not be equal to the sum of the estimates for the number of Male and Female Workers, for some states and NIC level, due to the inclusion **of transgender employees** in ASI 2023-2024.

1.9.6 Another important point to be noted is that the rates and ratios of some parameters represented in this report at the disaggregate level, particularly for the smaller States and UTs cross classified by 2/3/4-digit level of industry classification, are subject to the limitation of small sample sizes and thus, the user may cautiously interpret the changes of these parameters over time.

1.9.7 In certain cases, there may be abnormal growth/decline in some characteristics compared to the previous year. The possible reasons for the same are as follows:

a. Inclusion of new units in the frame, particularly in the Census Sector.
b. Selection/non-selection of some sample units, having considerable value of multiplier attached to it.
c. Closure/Non-Operation of units, which had the significant effect on the economy in the previous year.
d. Movement of Sample units in the previous year to Census units in the current year, depending either on the size of employment or due to the sampling strategy or both, and vice-versa.
e. High/low performance of the units in the current year, as compared to its performance in the previous year due to various reasons.

2. *कारखानों की संख्या की प्राक्कलन प्रक्रियाएँ*

2.1 उ.वा.स. में स्टेटस कोड '1', '2' और '3' इकाइयों अर्थात, क्रमश: 'खुला', 'अचल आस्तियों एवं मेंटनिंग स्टाफ सहित विद्यमान परंतु उत्पादन रहित', 'अचल आस्तियों सहित विद्यमान परंतु मेंटनिंग स्टाफ व उत्पादन रहित' वाले फ्रेम से प्रतिदर्श निकाले जाते हैं, - इसका कारण यह है कि इन्हें इस कार्यक्षेत्र (डोमेन) मे जीवित इकाई (लाइव यूनिट) समझा जाता है और इनमें से कुछ का संदर्भ अवधि के दौरान प्रचालन किया गया है और कुछ अन्य अतीत में निरन्तर उत्पादन कर रहे थें परंतु किन्ही निश्चित कारणों से उन्होने संदर्भ अवधि के दौरान कुछ भी प्रचालन/उत्पादन नहीं किया है, परंतु वे सभी आस्तियों आदि के साथ मौजूद हैं और किसी भी समय उत्पादन प्रारंभ कर सकते हैं। इन सभी मामलों में यदि इकाइयों के लिए महत्वपूर्ण सूचना संग्रहित की जाती है, तो इन इकाइयों को 'सर्वेक्षित' समझा जाता है, अन्यथा इन्हें 'अप्रतिवेदित' या 'कैजुयल्टी' माना जाता है। सारणी 1 गुणकों की गणना में 'इकाइयों की स्थिति' के विभिन्न मामलें दर्शाता है।

2.2 विवरण 0ए उ.वा.स. 2023-24 के (i) फ्रेम में (ii) चयनित और (iii) सर्वेक्षित राज्य/संघ राज्य-क्षेत्रवार कारखानों की संख्या दर्शाता है। इस सारणी में 'सर्वेक्षित' मामलों में उपर वर्णित सभी 'कैजुयल्टी' मामले शामिल नहीं हैं। विवरण 0बी एवं 0सी उ.वा.स. 2023-24 में सर्वेक्षण की स्थिति के अनुसार क्रमश: चयनित कारखानों की संख्या का पूर्ण और प्रतिशत वितरण दर्शाता है।

2.3 विवरण 1ए वर्ष 2023-24 में सर्वेक्षण की स्थिति के अनुसार प्राक्कलित 'कारखानों की संख्या' (पूर्ण रूप में) दर्शाता है और विवरण 2ए प्रत्येक राज्य/संघ-राज्य क्षेत्र के लिए सर्वेक्षण की स्थिति अनुसार 'चालू कारखानों की संख्या' का प्राक्कलन (पूर्ण रूप में) पृथक रूप से दर्शाता है। इस प्रकाशन में प्रस्तुत सभी दरें और अनुपात प्रत्येक 'चालू कारखानों' से प्राप्त किए गए हैं। विवरण 1बी तथा 2सी में संबन्धित प्रतिशत का वितरण दिया गया है।

2.4 विवरण 0बी तथा 0सी में यह नोट किया जाए कि सर्वेक्षण के दौरान, 5,801 कारखानों (6.94%) ने अपना स्टेटस कोड 4 प्रतिवेदित किया है। यह इस बात का संकेत देता है कि इन इकाइयों को 'इकाई का अस्तित्व न होने और मालिक का पता न लग पाना' या 'रजिष्ट्रेशन रद्द होने या विस्तार-क्षेत्र के बाहर होने के कारण इकाई का नाम हटा दिया जाना' आदि कारणों से फ्रेम में नहीं होना चाहिए था, और 'वेट' (गुणक) की गणना करने में ऐसी इकाइयों को 'जीरो' मामले के रूप में माना जाता है। इसके अतिरिक्त, केवल 702 कारखानों के संबंध में, जिन्होने वर्तमान वर्ष में कोई डाटा नहीं दिया है (नन-रेस्पोंस), डाटा पिछले वर्ष से अध्यारोपित किया गया है। स्टेटस कोड 1, 2 व 3 वाले इकाइयों और पिछले वर्ष से अध्यारोपित की जाने वाली इकाइयों, को 'चालू इकाई' समझा जाता है और उनका प्रयोग उ.वा.स. 2023-24 पर आधारित रिपोर्टों में दिये गए सभी प्राक्कलनों, दरों और अनुपातों की गणना में होता है, जब तक कि अन्यथा उल्लिखित न हो।

सारणी 1 : सर्वेक्षित मामलों, जीरो मामलों और कैजुअल्टी मामलों का निरूपण

कोड	*गुणक की गणना का निरुपण*
1 , 2 , 3	यदि केवल इकाई के लिए संगत महत्वपूर्ण सूचना उपलब्ध हो तो 'खुला' तथा 'चालू' मामला समझा जाता है । अन्यथा 'नन- रेस्पोंस (कैज़ुयल्टी)' माना जाता है।
4	सभी मापदंडो के लिए 'जीरो केस' माना जाता है।
5 , 7, 8	'नन- रेस्पोंस (कैज़ुयल्टी)' माना जाता है।

2. *Procedures for Estimating the Number of Factories*

2.1 In ASI, samples are drawn from the frame containing units with status codes ‘1’, ‘2’ and ‘3’, that is, ‘Open’, ‘Existing with fixed assets and maintaining staff but not having production’ and ‘Existing with fixed assets but not maintaining staff and not having production’ units respectively – the reason being that these are considered as the live units in the domain and some have operated during the reference period, and some others have continued to produce in the past, but for certain reasons did not operate/produce anything during the reference period but exist with all assets, etc. and may start producing any moment. In all these cases, the units are considered as ‘surveyed’ if essential information for the unit is collected, else they are treated as ‘Non-reported’ or ‘casualty’. Table 1 gives the treatment of various cases of ‘status of units’ in the calculation of multiplier.

2.2 Statement 0A gives the State/UT-wise number of factories (i) in Frame, (ii) selected and (iii) surveyed in ASI 2023-24. It may be noted in this table that the ‘surveyed’ cases exclude all the casualty cases as explained above. Statement 0B and 0C respectively give the absolute and percentage distribution of the number of selected factories by the status of the survey for ASI 2023-24.

2.3 Statement 1A gives the estimated ‘number of factories’ (in absolute terms) in 2023-24 by the status of the survey, and Statement 2A displays the estimated ‘number of factories in operation’ (in absolute terms) by the status of the survey separately for each State/UT. It may be noted that all the rates and ratios, presented in this publication, are derived per ‘factories in operation’. The respective percentage distributions are given in Statements 1B and 2B.

2.4 It may be seen from Statements 0B and 0C that during the survey, 5,801 factories (6.94%) reported their status code 4. This indicates that these units should not have been present in the frame for the reasons like ‘non-existence of unit and owner not traceable’ or ‘unit deleted due to de-registration or out of coverage’, etc., and such units are treated as ‘zero’ cases in calculating the weights (multipliers). Further, data could be imputed from last year in respect of only 702 factories, which did not provide any data in the current year (Non-response). Units with status codes 1, 2 and 3 and those imputed from last year are considered as ‘operating units’ and used in calculating all estimates, rates and ratios in the reports based on ASI 2023-24 data unless otherwise mentioned.

Table 1: Treatment for Surveyed Cases, Zero Cases and Casualty Cases

Code	*Treatment in multiplier calculation*
1, 2, 3	Considered as ‘open’ case and in operation only if essential information relevant for the unit are available. Else, treated as Non-Response (casualty).
4	Treated as ‘zero-case’ for all parameters.
5,7,8	Treated as Non-Response (casualty).

Statement 0A: Number of Factories (i) in Frame , (ii) Selected and (iii) Surveyed

State/UT	*No. of Factories*		
	in Frame	*Selected*	*Surveyed**
A&N Islands	13	13	13
Andhra Pradesh	16099	3506	3371
Arunachal Pradesh	228	228	199
Assam	6129	1576	1394
Bihar	3424	1444	1378
Chandigarh	224	109	107
Chattisgarh	5238	1370	1324
Dadra & N Haveli & Daman & Diu	2681	897	875
Delhi	2815	1270	1212
Goa	697	402	382
Gujarat	33437	7928	7692
Haryana	10424	3488	3406
Himachal Pradesh	2674	996	958
Jammu and Kashmir	1007	505	493
Jharkhand	2912	895	842
Karnataka	15064	5267	5151
Kerala	7574	2473	2409
Ladakh	30	30	29
Lakshadeep	6	6	4
Madhya Pradesh	5172	2346	2236
Maharashtra	26818	9225	8785
Manipur	272	272	246
Meghalaya	220	220	192
Mizoram	204	204	204
Nagaland	195	195	195
Odisha	3317	1239	1193
Puducherry	765	368	362
Punjab	13192	2779	2708
Rajasthan	10935	3622	3534
Sikkim	88	88	87
Tamil Nadu	40352	15171	14784
Telangana	13515	3374	3219
Tripura	708	708	702
Uttar Pradesh	22303	7166	6890
Uttarakhand	2915	1267	1234
West Bengal	10171	2973	2820
All India	**261818**	**83620**	**80630**

* Surveyed cases exclude all the Non-reporting (Casualty) Cases

Statement 0B: Distribution of Number of Selected Factories by Status of Survey											
State/UT	*Status Code*										*Total*
	Treated as Operating Units						*'Zero' Units*	*Non-reporting (Casualty) Units*			
	Current Year Information			*Data borrowed from Previous Year*							
	1	***2***	***3***	***5****	***7****	***8****	***4***	***5***	***7***	***8***	
A&N Islands	12	0	0	1	0	0	0	0	0	0	13
Andhra Pradesh	2711	162	66	1	1	9	421	32	37	66	3506
Arunachal Pradesh	124	39	17	0	0	2	17	13	12	4	228
Assam	1149	88	35	2	0	11	109	63	71	48	1576
Bihar	1153	104	16	1	0	9	95	26	27	13	1444
Chandigarh	93	3	1	1	0	1	8	2	0	0	109
Chattisgarh	1190	42	47	3	0	5	37	18	7	21	1370
Dadra & N Haveli & Daman & Diu	777	13	7	0	0	3	75	5	0	17	897
Delhi	972	61	7	6	0	21	145	17	1	40	1270
Goa	350	17	1	3	0	6	5	8	1	11	402
Gujarat	6867	71	63	4	1	45	641	31	47	158	7928
Haryana	3079	43	2	11	0	15	256	40	8	34	3488
Himachal Pradesh	855	10	11	5	0	3	74	16	4	18	996
Jammu and Kashmir	422	22	21	0	0	1	27	3	3	6	505
Jharkhand	711	34	17	4	0	0	76	23	26	4	895
Karnataka	4599	79	29	11	1	30	402	21	33	62	5267
Kerala	2091	168	49	0	0	12	89	4	7	53	2473
Ladakh	19	7	0	0	0	0	3	0	0	1	30
Lakshadweep	3	0	0	0	0	0	1	0	0	2	6
Madhya Pradesh	1999	62	52	3	0	12	108	53	25	32	2346
Maharashtra	7893	100	60	22	2	96	612	90	68	282	9225
Manipur	182	44	18	0	0	0	2	5	20	1	272
Meghalaya	156	21	8	0	1	2	4	5	22	1	220
Mizoram	140	64	0	0	0	0	0	0	0	0	204
Nagaland	174	10	5	0	0	0	6	0	0	0	195
Odisha	1035	45	42	1	0	3	67	8	17	21	1239
Puducherry	305	19	11	0	0	1	26	0	4	2	368
Punjab	2397	47	33	4	0	12	215	34	6	31	2779
Rajasthan	3246	68	35	2	2	5	176	3	46	39	3622
Sikkim	82	3	0	0	0	2	0	0	0	1	88
Tamil Nadu	13073	485	82	20	3	121	1000	106	52	229	15171
Telangana	2671	25	95	3	1	37	387	6	46	103	3374
Tripura	423	213	54	0	0	0	12	0	6	0	708
Uttar Pradesh	6261	94	32	40	3	37	423	119	64	93	7166
Uttarakhand	1138	10	5	5	0	6	70	11	9	13	1267
West Bengal	2458	71	52	3	1	23	212	85	7	61	2973
All India	**70810**	**2344**	**973**	**156**	**16**	**530**	**5801**	**847**	**676**	**1467**	**83620**

Statement 0C: Percentage Distribution of Number of Selected Factories by Status of Survey

State/UT	Status Code										Total
	Treated as Operating Units						'Zero' Units	Non-reporting (Casualty) Units			
	Current Year Information			Data borrowed from Previous Year							
	1	2	3	5*	7*	8*	4	5	7	8	
A&N Islands	92.31	0.00	0.00	7.69	0.00	0.00	0.00	0.00	0.00	0.00	100.00
Andhra Pradesh	77.32	4.62	1.88	0.03	0.03	0.26	12.01	0.91	1.06	1.88	100.00
Arunachal Pradesh	54.39	17.11	7.46	0.00	0.00	0.88	7.46	5.70	5.26	1.75	100.00
Assam	72.91	5.58	2.22	0.13	0.00	0.70	6.92	4.00	4.51	3.05	100.00
Bihar	79.85	7.20	1.11	0.07	0.00	0.62	6.58	1.80	1.87	0.90	100.00
Chandigarh	85.32	2.75	0.92	0.92	0.00	0.92	7.34	1.83	0.00	0.00	100.00
Chattisgarh	86.86	3.07	3.43	0.22	0.00	0.36	2.70	1.31	0.51	1.53	100.00
Dadra & N Haveli & Daman & Diu	86.62	1.45	0.78	0.00	0.00	0.33	8.36	0.56	0.00	1.90	100.00
Delhi	76.54	4.80	0.55	0.47	0.00	1.65	11.42	1.34	0.08	3.15	100.00
Goa	87.06	4.23	0.25	0.75	0.00	1.49	1.24	1.99	0.25	2.74	100.00
Gujarat	86.62	0.90	0.79	0.05	0.01	0.57	8.09	0.39	0.59	1.99	100.00
Haryana	88.27	1.23	0.06	0.32	0.00	0.43	7.34	1.15	0.23	0.97	100.00
Himachal Pradesh	85.84	1.00	1.10	0.50	0.00	0.30	7.43	1.61	0.40	1.81	100.00
Jammu and Kashmir	83.56	4.36	4.16	0.00	0.00	0.20	5.35	0.59	0.59	1.19	100.00
Jharkhand	79.44	3.80	1.90	0.45	0.00	0.00	8.49	2.57	2.91	0.45	100.00
Karnataka	87.32	1.50	0.55	0.21	0.02	0.57	7.63	0.40	0.63	1.18	100.00
Kerala	84.55	6.79	1.98	0.00	0.00	0.49	3.60	0.16	0.28	2.14	100.00
Ladakh	63.33	23.33	0.00	0.00	0.00	0.00	10.00	0.00	0.00	3.33	100.00
Lakshadweep	50.00	0.00	0.00	0.00	0.00	0.00	16.67	0.00	0.00	33.33	100.00
Madhya Pradesh	85.21	2.64	2.22	0.13	0.00	0.51	4.60	2.26	1.07	1.36	100.00
Maharashtra	85.56	1.08	0.65	0.24	0.02	1.04	6.63	0.98	0.74	3.06	100.00
Manipur	66.91	16.18	6.62	0.00	0.00	0.00	0.74	1.84	7.35	0.37	100.00
Meghalaya	70.91	9.55	3.64	0.00	0.45	0.91	1.82	2.27	10.00	0.45	100.00
Mizoram	68.63	31.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
Nagaland	89.23	5.13	2.56	0.00	0.00	0.00	3.08	0.00	0.00	0.00	100.00
Odisha	83.54	3.63	3.39	0.08	0.00	0.24	5.41	0.65	1.37	1.69	100.00
Puducherry	82.88	5.16	2.99	0.00	0.00	0.27	7.07	0.00	1.09	0.54	100.00
Punjab	86.25	1.69	1.19	0.14	0.00	0.43	7.74	1.22	0.22	1.12	100.00
Rajasthan	89.62	1.88	0.97	0.06	0.06	0.14	4.86	0.08	1.27	1.08	100.00
Sikkim	93.18	3.41	0.00	0.00	0.00	2.27	0.00	0.00	0.00	1.14	100.00
Tamil Nadu	86.17	3.20	0.54	0.13	0.02	0.80	6.59	0.70	0.34	1.51	100.00
Telangana	79.16	0.74	2.82	0.09	0.03	1.10	11.47	0.18	1.36	3.05	100.00
Tripura	59.75	30.08	7.63	0.00	0.00	0.00	1.69	0.00	0.85	0.00	100.00
Uttar Pradesh	87.37	1.31	0.45	0.56	0.04	0.52	5.90	1.66	0.89	1.30	100.00
Uttarakhand	89.82	0.79	0.39	0.39	0.00	0.47	5.52	0.87	0.71	1.03	100.00
West Bengal	82.68	2.39	1.75	0.10	0.03	0.77	7.13	2.86	0.24	2.05	100.00
All India	**84.68**	**2.80**	**1.16**	**0.19**	**0.02**	**0.63**	**6.94**	**1.01**	**0.81**	**1.75**	**100.00**

* Units with survey status codes 5, 7 & 8 for which data have been borrowed from the previous year.

Statement 1A: Distribution of Estimated Number of Factories by Status of Survey

State/UT	Status Code							Total
	Treated as Operating Units						Zero Units	
	Current Year Information			Data imputed from Previous Year				
	1	2	3	5*	7*	8*	4	
A&N Islands	12	0	0	0	1	0	0	13
Andhra Pradesh	10791	1113	390	3706	1	1	9	16011
Arunachal Pradesh	124	39	17	17	0	0	2	199
Assam	4304	487	236	1008	2	0	13	6049
Bihar	2231	401	50	694	1	0	9	3386
Chandigarh	167	7	1	48	1	0	1	224
Chattisgarh	4544	154	213	289	3	0	7	5210
Dadra & N Haveli & Daman & Diu	1831	36	11	789	0	0	3	2670
Delhi	1873	183	11	676	8	0	23	2773
Goa	633	33	1	7	5	0	10	688
Gujarat	25625	535	408	6648	4	1	89	33311
Haryana	7967	170	12	2209	14	0	17	10389
Himachal Pradesh	1894	47	31	670	5	0	3	2650
Jammu and Kashmir	822	53	57	67	0	0	1	999
Jharkhand	1992	203	55	636	4	0	0	2889
Karnataka	11264	339	54	3240	23	10	54	14984
Kerala	6345	454	171	546	0	0	12	7528
Ladakh	19	7	0	3	0	0	0	29
Lakshadweep	3	0	0	1	0	0	0	4
Madhya Pradesh	4356	152	64	515	3	0	12	5102
Maharashtra	20527	308	215	5343	22	2	122	26539
Manipur	182	44	18	2	0	0	0	246
Meghalaya	156	21	8	4	0	1	2	192
Mizoram	140	64	0	0	0	0	0	204
Nagaland	174	10	5	6	0	0	0	195
Odisha	2556	142	244	334	3	0	3	3281
Puducherry	560	46	15	139	0	0	1	761
Punjab	10694	319	258	1850	10	0	36	13166
Rajasthan	9323	234	194	1108	2	2	5	10868
Sikkim	82	3	0	0	0	0	2	87
Tamil Nadu	29412	2163	253	8121	33	3	136	40121
Telangana	9620	82	729	2943	12	1	60	13446
Tripura	423	213	54	12	0	0	0	702
Uttar Pradesh	18223	365	133	3314	55	3	49	22141
Uttarakhand	2407	27	16	436	5	0	6	2897
West Bengal	7750	386	244	1691	3	1	33	10107
All India	**199025**	**8839**	**4167**	**47071**	**218**	**25**	**717**	**260061**

* Units with survey status codes 5, 7 & 8 for which data have been borrowed from the previous year.

Statement 1B: Percentage Distribution of Estimated Number of Factories by Status of Survey

State/UT	*Status Code*							*Total*
	Treated as Operating Units						*Zero Units*	
	Current Year Information			*Data imputed from Previous Year*				
	1	*2*	*3*	*5**	*7**	*8**	*4*	
A&N Islands	92.31	0.00	0.00	0.00	7.69	0.00	0.00	100.00
Andhra Pradesh	67.40	6.95	2.44	23.15	0.01	0.01	0.06	100.00
Arunachal Pradesh	62.31	19.60	8.54	8.54	0.00	0.00	1.01	100.00
Assam	71.15	8.05	3.90	16.66	0.03	0.00	0.21	100.00
Bihar	65.89	11.84	1.48	20.50	0.03	0.00	0.27	100.00
Chandigarh	74.55	3.13	0.45	21.43	0.45	0.00	0.45	100.00
Chattisgarh	87.22	2.96	4.09	5.55	0.06	0.00	0.13	100.00
Dadra & N Haveli & Daman & Diu	68.58	1.35	0.41	29.55	0.00	0.00	0.11	100.00
Delhi	67.54	6.60	0.40	24.38	0.29	0.00	0.83	100.00
Goa	92.01	4.80	0.15	1.02	0.73	0.00	1.45	100.00
Gujarat	76.93	1.61	1.22	19.96	0.01	0.00	0.27	100.00
Haryana	76.69	1.64	0.12	21.26	0.13	0.00	0.16	100.00
Himachal Pradesh	71.47	1.77	1.17	25.28	0.19	0.00	0.11	100.00
Jammu and Kashmir	82.28	5.31	5.71	6.71	0.00	0.00	0.10	100.00
Jharkhand	68.95	7.03	1.90	22.01	0.14	0.00	0.00	100.00
Karnataka	75.17	2.26	0.36	21.62	0.15	0.07	0.36	100.00
Kerala	84.29	6.03	2.27	7.25	0.00	0.00	0.16	100.00
Ladakh	65.52	24.14	0.00	10.34	0.00	0.00	0.00	100.00
Lakshadweep	75.00	0.00	0.00	25.00	0.00	0.00	0.00	100.00
Madhya Pradesh	85.38	2.98	1.25	10.09	0.06	0.00	0.24	100.00
Maharashtra	77.35	1.16	0.81	20.13	0.08	0.01	0.46	100.00
Manipur	73.98	17.89	7.32	0.81	0.00	0.00	0.00	100.00
Meghalaya	81.25	10.94	4.17	2.08	0.00	0.52	1.04	100.00
Mizoram	68.63	31.37	0.00	0.00	0.00	0.00	0.00	100.00
Nagaland	89.23	5.13	2.56	3.08	0.00	0.00	0.00	100.00
Odisha	77.90	4.33	7.44	10.18	0.09	0.00	0.09	100.00
Puducherry	73.59	6.04	1.97	18.27	0.00	0.00	0.13	100.00
Punjab	81.22	2.42	1.96	14.05	0.08	0.00	0.27	100.00
Rajasthan	85.78	2.15	1.79	10.20	0.02	0.02	0.05	100.00
Sikkim	94.25	3.45	0.00	0.00	0.00	0.00	2.30	100.00
Tamil Nadu	73.31	5.39	0.63	20.24	0.08	0.01	0.34	100.00
Telangana	71.55	0.61	5.42	21.89	0.09	0.01	0.45	100.00
Tripura	60.26	30.34	7.69	1.71	0.00	0.00	0.00	100.00
Uttar Pradesh	82.30	1.65	0.60	14.97	0.25	0.01	0.22	100.00
Uttarakhand	83.09	0.93	0.55	15.05	0.17	0.00	0.21	100.00
West Bengal	76.68	3.82	2.41	16.73	0.03	0.01	0.33	100.00
All India	**76.53**	**3.40**	**1.60**	**18.10**	**0.08**	**0.01**	**0.28**	**100.00**

* Units with survey status codes 5, 7 & 8 for which data have been borrowed from the previous year.

Statement 2A: Distribution of Estimated Number of Factories in Operation by Status of Survey

State/UT	Status Code						Total
	Treated as Operating Units						
	Current Year Information			Data borrowed from Previous Year			
	1	2	3	5*	7*	8*	
A&N Islands	12	0	0	1	0	0	13
Andhra Pradesh	10791	1113	390	1	1	9	12305
Arunachal Pradesh	124	39	17	0	0	2	182
Assam	4304	487	236	2	0	13	5041
Bihar	2231	401	50	1	0	9	2692
Chandigarh	167	7	1	1	0	1	177
Chattisgarh	4544	154	213	3	0	7	4921
Dadra & N Haveli & Daman & Diu	1831	36	11	0	0	3	1881
Delhi	1873	183	11	8	0	23	2097
Goa	633	33	1	5	0	10	681
Gujarat	25625	535	408	4	1	89	26663
Haryana	7967	170	12	14	0	17	8180
Himachal Pradesh	1894	47	31	5	0	3	1980
Jammu and Kashmir	822	53	57	0	0	1	932
Jharkhand	1992	203	55	4	0	0	2253
Karnataka	11264	339	54	23	10	54	11744
Kerala	6345	454	171	0	0	12	6982
Ladakh	19	7	0	0	0	0	26
Lakshadweep	3	0	0	0	0	0	3
Madhya Pradesh	4356	152	64	3	0	12	4587
Maharashtra	20527	308	215	22	2	122	21196
Manipur	182	44	18	0	0	0	244
Meghalaya	156	21	8	0	1	2	188
Mizoram	140	64	0	0	0	0	204
Nagaland	174	10	5	0	0	0	189
Odisha	2556	142	244	3	0	3	2947
Puducherry	560	46	15	0	0	1	622
Punjab	10694	319	258	10	0	36	11316
Rajasthan	9323	234	194	2	2	5	9760
Sikkim	82	3	0	0	0	2	87
Tamil Nadu	29412	2163	253	33	3	136	32000
Telangana	9620	82	729	12	1	60	10503
Tripura	423	213	54	0	0	0	690
Uttar Pradesh	18223	365	133	55	3	49	18827
Uttarakhand	2407	27	16	5	0	6	2461
West Bengal	7750	386	244	3	1	33	8416
All India	**199025**	**8839**	**4167**	**218**	**25**	**717**	**212990**

* Units with survey status codes 5, 7 & 8 for which data have been borrowed from the previous year.

Statement 2B:Percentage Distribution of Estimated Number of Factories in Operation by Status of Survey

State/UT	Status Code						Total
	Treated as Operating Units						
	Current Year Information			Data borrowed from Previous Year			
	1	2	3	5*	7*	8*	
A&N Islands	92.31	0.00	0.00	7.69	0.00	0.00	100.00
Andhra Pradesh	87.70	9.05	3.17	0.01	0.01	0.07	100.00
Arunachal Pradesh	68.13	21.43	9.34	0.00	0.00	1.10	100.00
Assam	85.38	9.66	4.68	0.04	0.00	0.26	100.00
Bihar	82.88	14.90	1.86	0.04	0.00	0.33	100.00
Chandigarh	94.35	3.95	0.56	0.56	0.00	0.56	100.00
Chattisgarh	92.34	3.13	4.33	0.06	0.00	0.14	100.00
Dadra & N Haveli & Daman & Diu	97.34	1.91	0.58	0.00	0.00	0.16	100.00
Delhi	89.32	8.73	0.52	0.38	0.00	1.10	100.00
Goa	92.95	4.85	0.15	0.73	0.00	1.47	100.00
Gujarat	96.11	2.01	1.53	0.02	0.00	0.33	100.00
Haryana	97.40	2.08	0.15	0.17	0.00	0.21	100.00
Himachal Pradesh	95.66	2.37	1.57	0.25	0.00	0.15	100.00
Jammu and Kashmir	88.20	5.69	6.12	0.00	0.00	0.11	100.00
Jharkhand	88.42	9.01	2.44	0.18	0.00	0.00	100.00
Karnataka	95.91	2.89	0.46	0.20	0.09	0.46	100.00
Kerala	90.88	6.50	2.45	0.00	0.00	0.17	100.00
Ladakh	73.08	26.92	0.00	0.00	0.00	0.00	100.00
Lakshadweep	100.00	0.00	0.00	0.00	0.00	0.00	100.00
Madhya Pradesh	94.96	3.31	1.40	0.07	0.00	0.26	100.00
Maharashtra	96.84	1.45	1.01	0.10	0.01	0.58	100.00
Manipur	74.59	18.03	7.38	0.00	0.00	0.00	100.00
Meghalaya	82.98	11.17	4.26	0.00	0.53	1.06	100.00
Mizoram	68.63	31.37	0.00	0.00	0.00	0.00	100.00
Nagaland	92.06	5.29	2.65	0.00	0.00	0.00	100.00
Odisha	86.73	4.82	8.28	0.10	0.00	0.10	100.00
Puducherry	90.03	7.40	2.41	0.00	0.00	0.16	100.00
Punjab	94.50	2.82	2.28	0.09	0.00	0.32	100.00
Rajasthan	95.52	2.40	1.99	0.02	0.02	0.05	100.00
Sikkim	94.25	3.45	0.00	0.00	0.00	2.30	100.00
Tamil Nadu	91.91	6.76	0.79	0.10	0.01	0.43	100.00
Telangana	91.59	0.78	6.94	0.11	0.01	0.57	100.00
Tripura	61.30	30.87	7.83	0.00	0.00	0.00	100.00
Uttar Pradesh	96.79	1.94	0.71	0.29	0.02	0.26	100.00
Uttarakhand	97.81	1.10	0.65	0.20	0.00	0.24	100.00
West Bengal	92.09	4.59	2.90	0.04	0.01	0.39	100.00
All India	**93.44**	**4.15**	**1.96**	**0.10**	**0.01**	**0.34**	**100.00**

* Units with survey status codes 5, 7 & 8 for which data have been borrowed from the previous year.

3. *Principal Characteristics - All India Level*

3.1 *Principal Aggregates – All India*

3.1.1 Statement 3A presents the estimates for principal characteristics for the whole factory sector at the all-India level for the year 2023-24 along with respective values in the last four years. Statement 3B displays the concerned annual growth rates for those principal characteristics.

3.1.2 The statement 3A shows that in 2023-24, there have been 2,12,990 registered operating factories in all States and Union Territories. This is found to be higher by 3.13 percent than that of last year. These factories together have a total stock of fixed capital worth ₹ 46,24,09,035 Lakhs and invested capital ₹ 68,01,32,999 Lakhs. These are higher by 12.19 and 10.79 percent, respectively compared to those estimated in ASI 2022-23. These factories have provided gainful employment to 1,95,89,131 persons and distributed ₹ 7,16,46,903 Lakhs as emoluments to employees. Those factories have consumed inputs both industrial and non-industrial in nature, worth ₹ 1,28,68,83,003 Lakhs to produce ₹ 1,53,27,16,609 Lakhs, worth of goods and services valued at ex-factory prices and contributed ₹ 21,03,14,335 Lakhs by way of net value added through manufacturing to the national income.

3.1.3 The input and output have shown growth of 4.71% and 5.80% respectively, the net value added grew by 11.84% and net income grew by 10.70% in ASI 2023-24 as compared to those estimated as per the previous ASI. This can be seen in the waterfall chart (given at figure 4a) showing the change in absolute value of some related parameters from ASI 2022-23 to 2023-24. Similar chart showing the same set of parameters from 2021-22 to 2022-23 is given in figure 4b to give a better idea of the movements (change) of these parameters over time.

3.2 *Structural Ratios and Technical Coefficients*

3.2.1 A few structural ratios and technical coefficients derived from the macro level estimates of principal characteristics for the current and the preceding four years have been given in Statement 4. It may be noted that the ratios are subject to certain limitations due to changes in prices of commodities from year to year. Some of these ratios particularly value-based characteristics are not strictly comparable over time.

3.2.2 Statement 4 reveals that the average size of the factory, measured in terms of value-based characteristics, like, fixed capital by manufacture has maintained a steady upward trend over years. Furthermore, the Gross Output per factory in operation and the Net Value Added per factory in operation have exhibited significant growth over the past three consecutive years. The survey results revealed that in 2023-24, a factory with an average investment of ₹ 2,171 Lakhs in fixed capital has provided gainful employment to 92 persons, produced goods and services at ex-factory prices worth ₹ 7,196 Lakhs and contributed ₹ 987 Lakhs by way of net value added through manufacturing to the national income. However, taking an employee as a unit of measurement, the survey reveals that an employee, in the organized manufacturing sector during 2023-24 has, on average, produced an output of ₹ 78,24,322 and contributed ₹ 10,73,628 to the national income by way of net value added through manufacturing. The corresponding averages in the preceding year are respectively ₹ 78,32,729 and ₹ 10,16,715.

3.2.3 The fixed capital to Net Value Added ratio, which provides a measure of the fixed capital required to produce one unit of net value added, has increased to 2.20 in 2023-24 as compared to the previous year. Also, the fixed capital required to produce one unit of ex-factory output has increased to 0.30. The level of efficiency, measured by the ratio of the net value added to gross output has increased to 0.14. The GVA to fixed capital ratio has remained the same as 0.53 and the output to input ratio has increased to 1.19.

Figure 1: Number of Workers and Total Persons Engaged: All-India

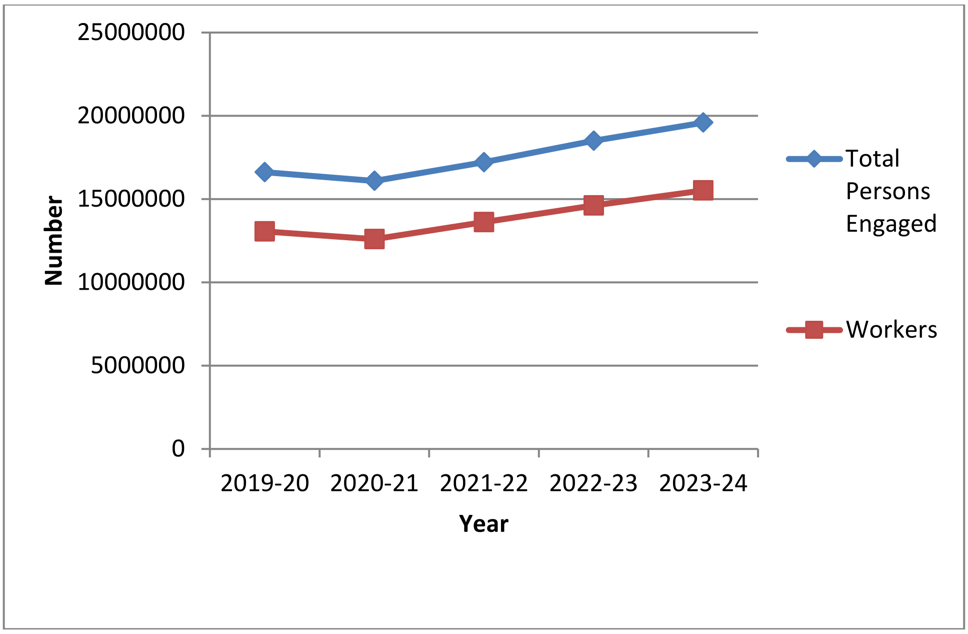


Figure 1 shows that these two parameters behaved in similar manner in the last five years i.e. 2019-20 to 2023-24.

Figure 2: Technical coefficients: All –India

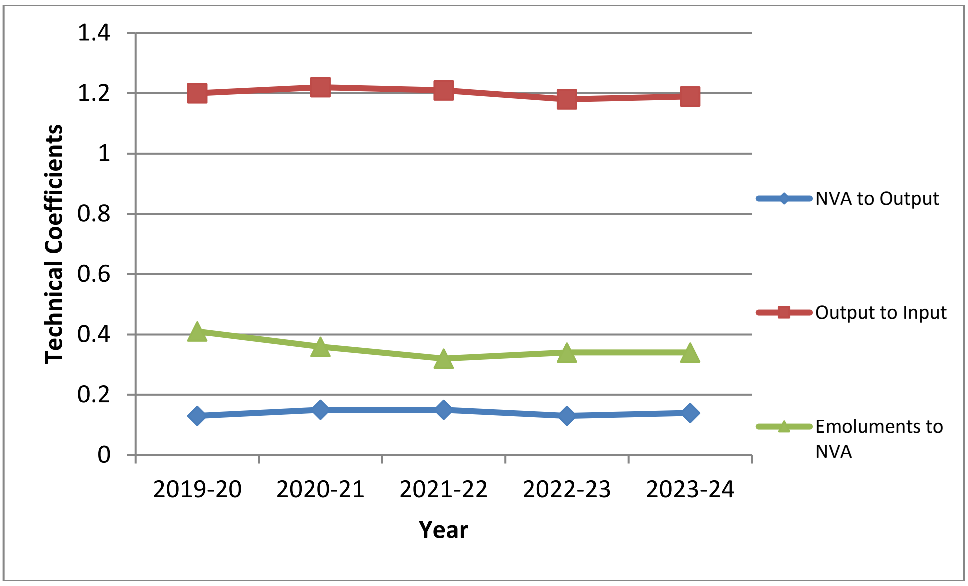


Figure 2 presents some technical coefficients for the last five years i.e. 2019-20 to 2023-24. Here the technical coefficients are estimated on the basis of NVA to output, output to input and emoluments to NVA. From the above figure, it is found that output to input ratio, indicating the industrial efficiency has almost been static over the past few years. Again, NVA to Output and Emoluments to NVA have also remained stable over years.

Figure 3: Annual Growth Rates (%) of Selected Characteristics for Different Years over Previous Year: All –India

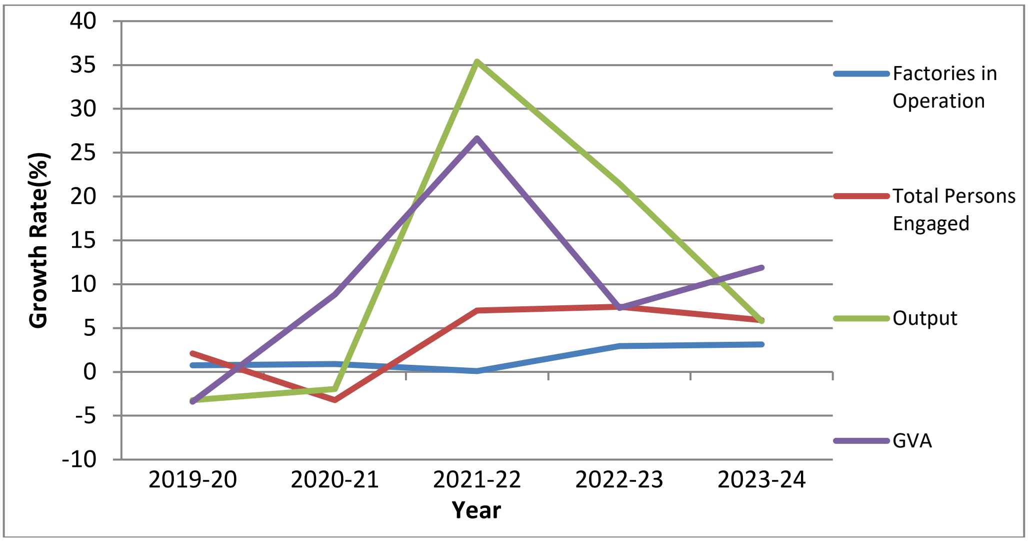


Figure 3 depicts the annual growth rates for Factories in Operation, Total Persons Engaged, Output and GVA for the last five years. All the growth rates in respect of the above-mentioned parameters have increased in 2023-24 as compared to last year in the organized factory sector.

Figure 4a: Waterfall chart showing change in absolute value (in ₹ Lakh) in a few important parameters from 2022-23 to 2023-24: All –India

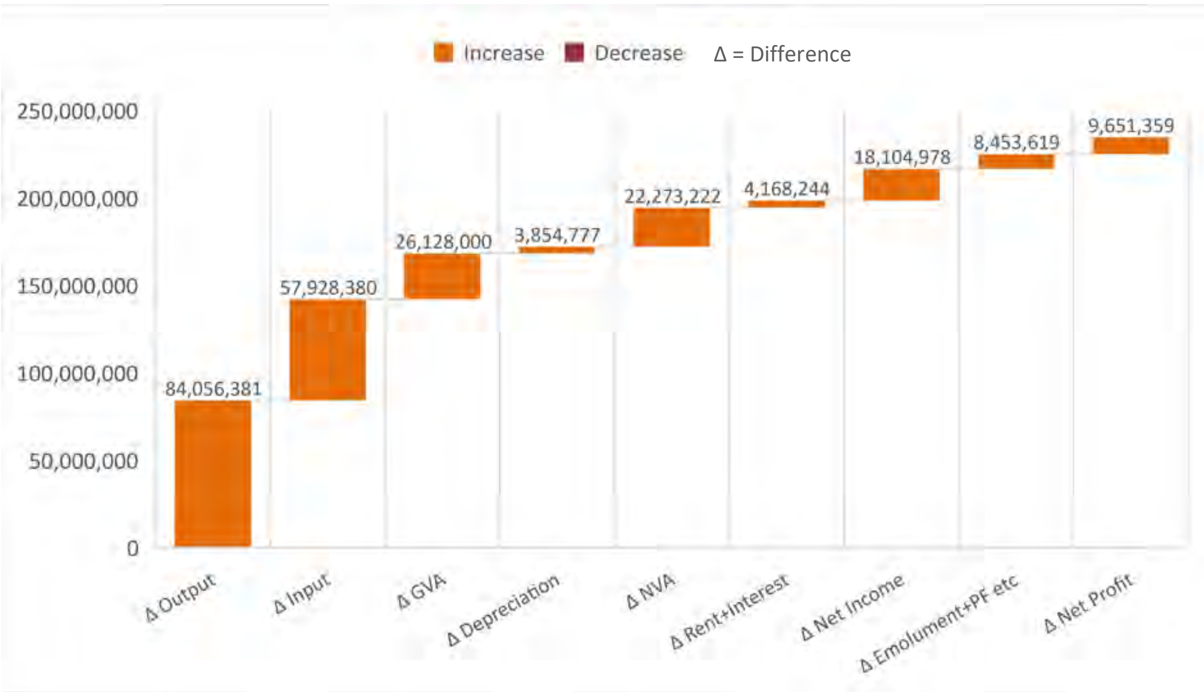
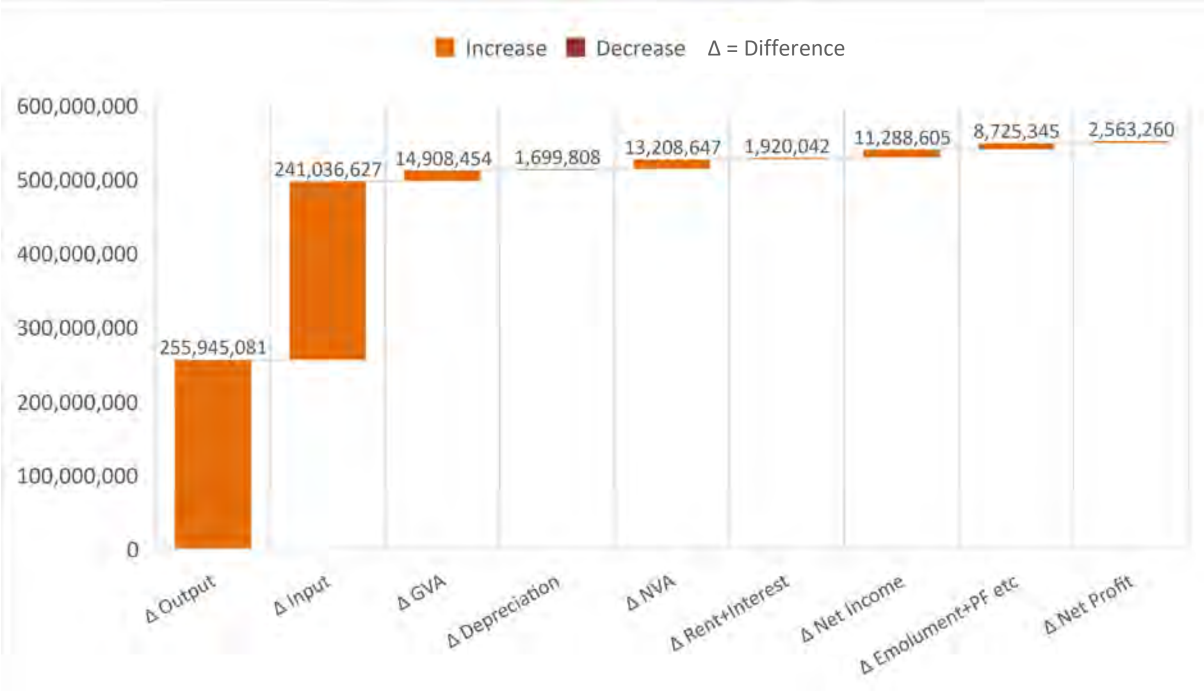


Figure 4b: Waterfall chart showing change in absolute value (in ₹ Lakh) in a few important parameters from 2021-22 to 2022-23: All –India



Statement 3A: Value of Principal Characteristics

Characteristics	Unit	ASI Year				
		2019-20	2020-21	2021-22	2022-23	2023-24
Factories in Operation	Number	198628	200395	200576	206523	212990
Fixed Capital	₹ Lakhs	364135165	369438562	372635444	412179458	462409035
Invested Capital	₹ Lakhs	497362352	519114310	554493175	613921255	680132999
Workers	Number	13058156	12594563	13609931	14616971	15519957
Total Persons Engaged	Number	16624291	16089700	17215350	18494962	19589131
Wages to Worker	₹ Lakhs	22890520	22261548	26455930	29990380	33598653
Total Emoluments	₹ Lakhs	49172897	48389031	56082801	64049070	71646903
Input	₹ Lakhs	749755617	719206541	987917996	1228954623	1286883003
Output	₹ Lakhs	898330129	880921387	1192715147	1448660228	1532716609
GVA	₹ Lakhs	148574512	161714846	204797151	219705605	245833605
Depreciation	₹ Lakhs	27309742	28135986	29964685	31664493	35519270
NVA	₹ Lakhs	121264771	133578860	174832466	188041113	210314335
Rent Paid for Fixed Assets	₹ Lakhs	471423	481328	506211	565777	633398
Interest Paid	₹ Lakhs	18549872	17349819	16332239	18192715	22293338
Net Income	₹ Lakhs	102243476	115747714	157994016	169282621	187387599
Net Profit	₹ Lakhs	46947269	61405752	95071368	97634628	107285987

Statement 3B: Observed Growth Rate

Characteristics	Percentage Growth			
	2020-21 over 2019-20	2021-22 over 2020-21	2022-23 over 2021-22	2023-24 over 2022-23
Factories in Operation	0.89	0.09	2.96	3.13
Fixed Capital	1.46	0.87	10.61	12.19
Invested Capital	4.37	6.82	10.72	10.79
Workers	-3.55	8.06	7.40	6.18
Total Persons Engaged	-3.22	7.00	7.43	5.92
Wages to Worker	-2.75	18.84	13.36	12.03
Total Emoluments	-1.59	15.90	14.20	11.86
Input	-4.07	37.36	24.40	4.71
Output	-1.94	35.39	21.46	5.80
GVA	8.84	26.64	7.28	11.89
Depreciation	3.03	6.50	5.67	12.17
NVA	10.15	30.88	7.56	11.84
Rent Paid for Fixed Assets	2.10	5.17	11.77	11.95
Interest Paid	-6.47	-5.87	11.39	22.54
Net Income	13.21	36.50	7.14	10.70
Net Profit	30.80	54.82	2.70	9.89

Statement 4: Estimate of Structural Ratios and Technical Co-efficients

Structural Ratios	***Unit***	***2019-20***	***2020-21***	***2021-22***	***2022-23***	***2023-24***
Fixed Capital per Factory in Operation	₹ Lakhs	1833	1844	1858	1996	2171
Total Persons Engaged per Factory in Operation	Number	84	80	86	90	92
Workers per Factory in Operation	Number	66	63	68	71	73
Gross Output per Factory in Operation	₹ Lakhs	4523	4396	5946	7015	7196
Net Value Added per Factory in Operation	₹ Lakhs	611	667	872	911	987
Output per Person Engaged	₹	5403720	5475064	6928207	7832729	7824322
Gross Value Added per Person Engaged	₹	893719	1005083	1189619	1187921	1254949
Net Value Added per Person Engaged	₹	729443	830213	1015561	1016715	1073628
Wages per Worker	₹	175297	176755	194387	205175	216487

Technical Coefficients						
Fixed Capital to Net Value Added		3.00	2.77	2.13	2.19	2.20
Fixed Capital to Output		0.41	0.42	0.31	0.28	0.30
Net Value Added to Output		0.13	0.15	0.15	0.13	0.14
Gross Value Added to Fixed Capital		0.41	0.44	0.55	0.53	0.53
Output to Input		1.20	1.22	1.21	1.18	1.19
Profit to Output		0.05	0.07	0.08	0.07	0.07
Contract Workers to Total Workers		0.38	0.39	0.40	0.41	0.42
Emoluments to Net Value Added		0.41	0.36	0.32	0.34	0.34

4. *Principal Characteristics – Industry (NIC-2 digit) Level*

4.1 *Principal Characteristics*

4.1.1 Statement 5A summarizes the relative status of the major industry groups. All the major industry groups have been ranked in the descending order of their contribution to the GVA by manufacture. Statement 5B gives the percentage distribution of these characteristics.

4.1.2 Out of 28 industries in terms of National Industrial Classification (NIC)-2008 2-digit codes under the coverage of the survey, major five employment providing industries were Food Products (11.06%), Textiles (8.75%), Basic Metals (7.77%), Motor Vehicles, Trailers and Semi-Trailers (7.01%) and Wearing Apparel (6.83%). Figures within the bracket denote the percentage share in the total number of persons engaged by the industry. Thus, the above five industries engaged 41.43% of the total manpower in the factory sector. Figure 5a shows the manufacturing employment by major industry divisions (NIC 10-32) in 2023-24.

4.1.3 Top six industries in terms of their percentage share in aggregate GVA were Basic Metals, Motor Vehicles, Trailers and Semi-Trailers, Chemicals and Chemical Products, Food Products, Pharmaceutical Products and Pharmaceutical Preparations, and Machinery and Equipment n.e.c.. They contributed a total of 51.06% of aggregate GVA with individual shares of 11.56%, 9.11%, 8.81%, 7.40%, 7.24% and 6.95% respectively. The above six industries also accounted for 47.68% of aggregate fixed capital. Figure 5b shows the relative position of major industries in respect of their percentage shares in aggregate GVA.

4.2 *Structural Ratios*

4.2.1 Statement 6 gives the structural ratios by NIC 2-digit. The minimum, maximum and the average value along with the names of the corresponding industry have been summarized for some of these structural ratios below in Table 2.

Table 2: Structural Ratios: Minimum, Maximum and Average Values: All India

Structural Ratio	Minimum Value	Maximum Value	Average Value
Fixed Capital per Factory in Operation ***(₹ Lakhs)***	234 (**NIC 12** -TOBACCO PRODUCTS)	40,980 (**NIC 19** -COKE AND REFINED PETROLEUM PRODUCTS)	2,171
Gross Output per Factory in Operation ***(₹ Lakhs)***	1,256 (**NIC 16** -WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE)	1,21,429 (**NIC 19** -COKE AND REFINED PETROLEUM PRODUCTS)	7,196
Net Value Added per Factory in Operation ***(₹ Lakhs)***	160 (**NIC 16** -WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE)	8,309 (**NIC 19** -COKE AND REFINED PETROLEUM PRODUCTS)	987
Workers per Factory in Operation (Number)	23 (**NIC 16** -WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE)	191 (**NIC 29** -MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS)	73
Total Persons Engaged per Factory in Operation (Number)	30 (**NIC 16** -WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE)	236 (**NIC 29** -MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS)	92
Net Value Added per Person Engaged ***(₹)***	3,65,646 (**NIC 15** -LEATHER AND RELATED PRODUCTS)	74,11,320 (**NIC 19** -COKE AND REFINED PETROLEUM PRODUCTS)	10,73,628
Wages per Worker ***(₹)***	56,760 (**NIC 12** -TOBACCO PRODUCTS)	4,04,797 (**NIC 19** -COKE AND REFINED PETROLEUM PRODUCTS)	2,16,487

Figure 5a: Total Number of Persons Engaged (in Thousand) by major industry division: All – India

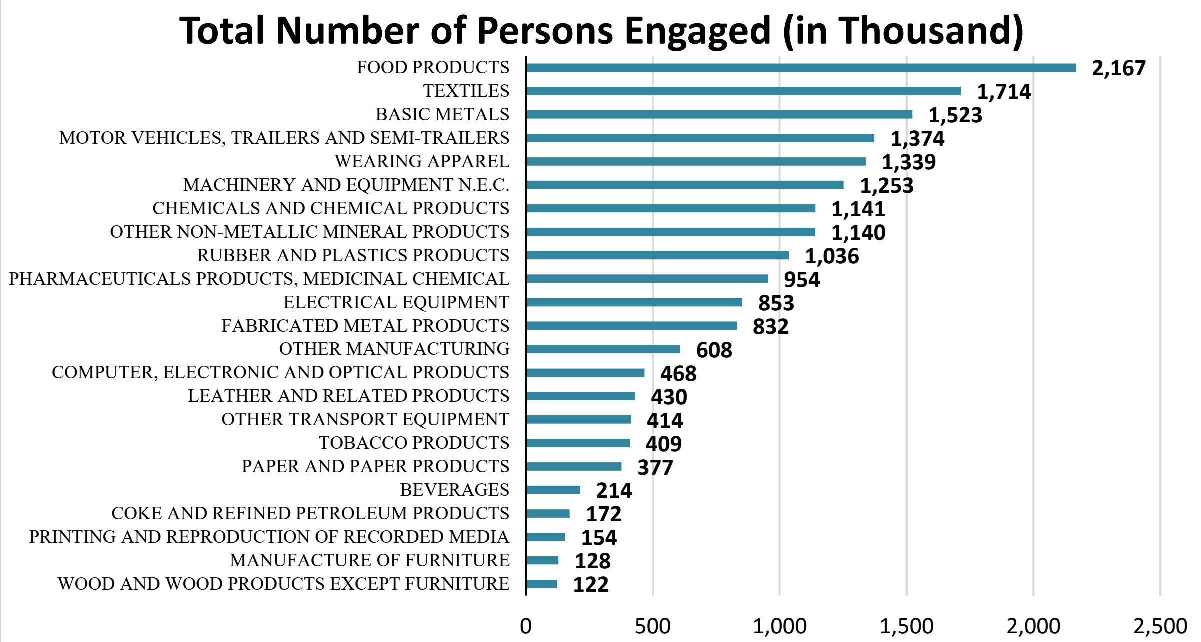
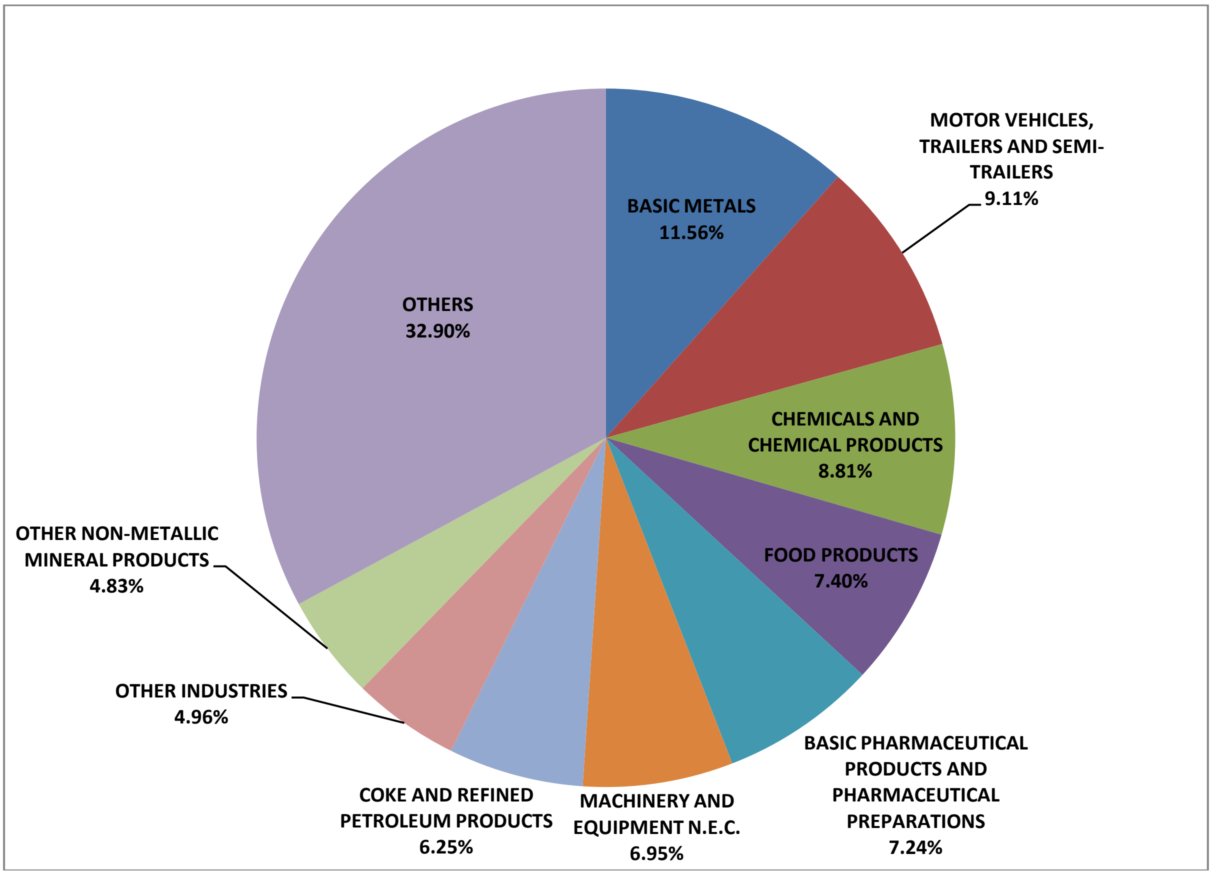


Figure 5b: Percentage Share of Major Industries in Aggregate GVA by the Factory Sector: All –India



Statement 5A: Estimate of Some Principal Characteristics by 2-digit Level of NIC
(Arranged in Descending Order of GVA)

NIC-08	Description	No. of Operating Factories (no.)	Fixed Capital (₹ Lakhs)	Working Capital (₹ Lakhs)	Invested Capital (₹ Lakhs)	Gross Value of Plant and Machinery (₹ Lakhs)	Total Persons Engaged (no.)	Total Input (₹ Lakhs)	Total Output (₹ Lakhs)	GVA (₹ Lakhs)	NVA (₹ Lakhs)	% Share in Aggregate GVA
24	Manufacture of basic metals	10834	80567152	10808702	110408127	83681626	1522861	193720925	222144598	28423673	23415506	11.56
29	Manufacture of motor vehicles, trailers and semi-trailers	5809	25133282	11810894	36761691	33774981	1373580	107204586	129597915	22393329	18970269	9.11
20	Manufacture of chemicals and chemical products	12148	45626721	10912076	62216674	49026637	1140695	102324664	123971097	21646433	18450212	8.81
10	Manufacture of food products	35081	34268355	18973993	67045058	26652011	2167329	184646817	202831001	18184184	15357760	7.40
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	4923	18900059	16281930	30271466	16113410	954148	34059270	51850988	17791718	16077146	7.24
28	Manufacture of machinery and equipment n.e.c.	12406	15967738	16542589	30992152	13402812	1252506	59698961	76789578	17090617	15468269	6.95
19	Manufacture of coke and refined petroleum products	1538	63027706	5523844	81722409	57859423	172438	171389505	186757666	15368160	12779932	6.25
OT	Other Industries	12958	45963029	2001240	49693380	51678855	589847	33372986	45567324	12194338	9559430	4.96
23	Manufacture of other non-metallic mineral products	24316	28325232	7544262	36426746	27771074	1139897	40589292	52451179	11861888	9529580	4.83
27	Manufacture of electrical equipment	6662	10777178	12560591	21874100	9428002	852747	53994327	65676879	11682552	10576093	4.75
22	Manufacture of rubber and plastics products	12516	20721809	5624371	28754189	25147009	1036328	44814153	55554171	10740018	8657408	4.37
13	Manufacture of textiles	14079	20068984	8830810	29693992	21467295	1714017	46511502	56081792	9570290	7966566	3.89
30	Manufacture of other transport equipment	1889	5482447	2659360	8428888	5598027	413999	25770530	33102351	7331821	6670126	2.98
25	Manufacture of fabricated metal products, except machinery and equipment	13612	8025906	7279453	14665102	6086873	831695	31316269	38348301	7032032	6235142	2.86
26	Manufacture of computer, electronic and optical products	2022	6200537	8054331	13324081	4915059	467693	45478346	52393750	6915404	6035708	2.81
14	Manufacture of wearing apparel	9759	5102806	6485358	9772155	2482939	1338856	16280079	22067563	5787484	5279976	2.35
32	Other manufacturing	3840	3889099	6103385	10326972	2906394	607839	28945640	34065248	5119608	4685239	2.08
17	Manufacture of paper and paper products	6296	8352029	2512235	11807667	8888427	376574	18944413	22993576	4049163	3374012	1.65
11	Manufacture of beverages	2153	7487094	1814972	9963748	6509057	213675	12190804	15672638	3481834	2938261	1.42
12	Manufacture of tobacco products	2326	544032	642710	1436341	606792	409362	3347029	5589357	2242329	2188198	0.91
15	Manufacture of leather and related products	4008	1616989	1272710	3110903	1055163	430409	5612039	7363062	1751023	1573772	0.71
18	Printing and reproduction of recorded media	3310	1502001	1330691	2139763	1549545	153560	3709603	5000924	1291321	1122205	0.53
31	Manufacture of furniture	2246	1155735	768265	2003518	616897	128458	3551692	4524526	972833	856818	0.40
01	Crop and animal production, hunting and related service activities	2498	654323	1759662	2557480	346137	75720	11730994	12653189	922195	845911	0.38
16	Manufacture of wood and of products of wood and cork, except furniture; manufacture of articles of straw and plaiting materials	4128	1519580	846906	2529692	1007814	121874	4397721	5184354	786633	661945	0.32
33	Repair and installation of machinery and equipment	510	587675	379641	784182	237296	36654	912850	1417131	504281	445162	0.21
38	Waste collection, treatment and disposal activities; materials recovery	680	536740	314251	892366	315893	33627	1584660	1910188	325528	267628	0.13
58	Publishing activities	313	287290	49853	390894	535307	23558	552859	848134	295274	262369	0.12
08	Other mining and quarrying	132	117507	36728	139264	92397	9186	230489	308130	77642	63692	0.03
	All Industries	**212990**	**462409035**	**169725813**	**680132999**	**459753151**	**19589131**	**1286883003**	**1532716609**	**245833605**	**210314335**	**100**

Statement 5B: Percentage Distribution of Principal Characteristics by 2-digit Level of NIC
(Arranged in Descending Order of GVA)

NIC-08	Description	No. of Operating Factories	Fixed Capital	Working Capital	Invested Capital	Gross Value of Plant and Machinery	Total Persons Engaged	Total Input	Total Output	GVA	NVA
24	Manufacture of basic metals	5.09	17.42	6.37	16.23	18.20	7.77	15.05	14.49	11.56	11.13
29	Manufacture of motor vehicles, trailers and semi-trailers	2.73	5.44	6.96	5.41	7.35	7.01	8.33	8.46	9.11	9.02
20	Manufacture of chemicals and chemical products	5.70	9.87	6.43	9.15	10.66	5.82	7.95	8.09	8.81	8.77
10	Manufacture of food products	16.47	7.41	11.18	9.86	5.80	11.06	14.35	13.23	7.40	7.30
21	Manufacture of basic pharmaceutical products and pharmaceutical preparations	2.31	4.09	9.59	4.45	3.50	4.87	2.65	3.38	7.24	7.64
28	Manufacture of machinery and equipment n.e.c.	5.82	3.45	9.75	4.56	2.92	6.39	4.64	5.01	6.95	7.35
19	Manufacture of coke and refined petroleum products	0.72	13.63	3.25	12.02	12.58	0.88	13.32	12.18	6.25	6.08
OT	Other Industries	6.08	9.94	1.18	7.31	11.24	3.01	2.59	2.97	4.96	4.55
23	Manufacture of other non-metallic mineral products	11.42	6.13	4.44	5.36	6.04	5.82	3.15	3.42	4.83	4.53
27	Manufacture of electrical equipment	3.13	2.33	7.40	3.22	2.05	4.35	4.20	4.28	4.75	5.03
22	Manufacture of rubber and plastics products	5.88	4.48	3.31	4.23	5.47	5.29	3.48	3.62	4.37	4.12
13	Manufacture of textiles	6.61	4.34	5.20	4.37	4.67	8.75	3.61	3.66	3.89	3.79
30	Manufacture of other transport equipment	0.89	1.19	1.57	1.24	1.22	2.11	2.00	2.16	2.98	3.17
25	Manufacture of fabricated metal products, except machinery and equipment	6.39	1.74	4.29	2.16	1.32	4.25	2.43	2.50	2.86	2.96
26	Manufacture of computer, electronic and optical products	0.95	1.34	4.75	1.96	1.07	2.39	3.53	3.42	2.81	2.87
14	Manufacture of wearing apparel	4.58	1.10	3.82	1.44	0.54	6.83	1.27	1.44	2.35	2.51
32	Other manufacturing	1.80	0.84	3.60	1.52	0.63	3.10	2.25	2.22	2.08	2.23
17	Manufacture of paper and paper products	2.96	1.81	1.48	1.74	1.93	1.92	1.47	1.50	1.65	1.60
11	Manufacture of beverages	1.01	1.62	1.07	1.46	1.42	1.09	0.95	1.02	1.42	1.40
12	Manufacture of tobacco products	1.09	0.12	0.38	0.21	0.13	2.09	0.26	0.36	0.91	1.04
15	Manufacture of leather and related products	1.88	0.35	0.75	0.46	0.23	2.20	0.44	0.48	0.71	0.75
18	Printing and reproduction of recorded media	1.55	0.32	0.78	0.31	0.34	0.78	0.29	0.33	0.53	0.53
31	Manufacture of furniture	1.05	0.25	0.45	0.29	0.13	0.66	0.28	0.30	0.40	0.41
01	Crop and animal production, hunting and related service activities	1.17	0.14	1.04	0.38	0.08	0.39	0.91	0.83	0.38	0.40
16	Manufacture of wood and of products of wood and cork, except furniture;	1.94	0.33	0.50	0.37	0.22	0.62	0.34	0.34	0.32	0.31
33	Repair and installation of machinery and equipment	0.24	0.13	0.22	0.12	0.05	0.19	0.07	0.09	0.21	0.21
38	Waste collection, treatment and disposal activities; materials recovery	0.32	0.12	0.19	0.13	0.07	0.17	0.12	0.12	0.13	0.13
58	Publishing activities	0.15	0.06	0.03	0.06	0.12	0.12	0.04	0.06	0.12	0.12
08	Other mining and quarrying	0.06	0.03	0.02	0.02	0.02	0.05	0.02	0.02	0.03	0.03
	All Industries	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Statement 6: Structural Ratios by 2-digit Level of NIC

NIC-08	***Description***	***Fixed Capital per Factory in Operation (₹ Lakhs)***	***Total Persons Engaged per Factory in Operation (Number)***	***Workers per Factory in Operation (Number)***	***Gross Output per Factory in Operation (₹ Lakhs)***	***Net Value Added per Factory in Operation (₹ Lakhs)***	***Output per Person Engaged (₹)***	***Gross Value Added per Person Engaged (₹)***	***Net Value Added per Person Engaged (₹)***	***Wages per Worker (₹)***
01	COTTON GINNING, CLEANING AND BAILING (01632); SEED PROCESSING FOR PROPAGATION (01640)	262	30	23	5065	339	16710498	1217901	1117157	156711
08	SALT PRODUCTION BY EVAPORATION OF SEA WATER OR OTHER SALINE WATERS (08932)	890	70	60	2334	483	3354344	845221	693359	143708
10	FOOD PRODUCTS	977	62	48	5782	438	9358570	839014	708603	182060
11	BEVERAGES	3478	99	80	7279	1365	7334802	1629500	1375108	212740
12	TOBACCO PRODUCTS	234	176	170	2403	941	1365382	547762	534539	56760
13	TEXTILES	1425	122	103	3983	566	3271951	558354	464789	182191
14	WEARING APPAREL	523	137	118	2261	541	1648240	432271	394365	163370
15	LEATHER AND RELATED PRODUCTS	403	107	91	1837	393	1710713	406828	365646	173193
16	WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE	368	30	23	1256	160	4253864	645448	543139	164400
17	PAPER AND PAPER PRODUCTS	1327	60	48	3652	536	6105991	1075264	895976	205975
18	PRINTING AND REPRODUCTION OF RECORDED MEDIA	454	46	32	1511	339	3256658	840923	730793	217197
19	COKE AND REFINED PETROLEUM PRODUCTS	40980	112	87	121429	8309	108304240	8912282	7411320	404797
20	CHEMICALS AND CHEMICAL PRODUCTS	3756	94	70	10205	1519	10868032	1897653	1617454	238050
21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	3839	194	127	10532	3266	5434271	1864671	1684974	284431
22	RUBBER AND PLASTICS PRODUCTS	1656	83	67	4439	692	5360675	1036353	835393	212591
23	OTHER NON-METALLIC MINERAL PRODUCTS	1165	47	38	2157	392	4601396	1040611	836004	168774
24	BASIC METALS	7437	141	115	20504	2161	14587319	1866465	1537600	284691
25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	590	61	48	2817	458	4610861	845506	749691	224950
26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	3067	231	181	25912	2985	11202594	1478620	1290528	249529
27	ELECTRICAL EQUIPMENT	1618	128	101	9858	1588	7701801	1369990	1240238	236534
28	MACHINERY AND EQUIPMENT N.E.C.	1287	101	74	6190	1247	6130875	1364514	1234986	251711
29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	4327	236	191	22310	3266	9435047	1630289	1381082	263531
30	OTHER TRANSPORT EQUIPMENT	2902	219	176	17524	3531	7995756	1770976	1611145	257300
31	MANUFACTURE OF FURNITURE	515	57	44	2014	381	3522183	757316	667002	196708
32	OTHER MANUFACTURING	1013	158	127	8871	1220	5604321	842264	770803	221796
33	REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT	1152	72	53	2779	873	3866238	1375787	1214498	383343
38	WASTE COLLECTION, TREATMENT & DISPOSAL ACTIVITIES; MATERIALS RECOVERY	789	49	38	2809	394	5680519	968055	795872	198076
58	PUBLISHING ACTIVITIES	918	75	36	2710	838	3600195	1253392	1113715	325869
OT	OTHER INDUSTRIES	3547	46	32	3517	738	7725279	2067373	1620663	221838
	ALL INDUSTRIES	**2171**	**92**	**73**	**7196**	**987**	**7824322**	**1254949**	**1073628**	**216487**

5. *Principal Characteristics - State/UT Level*

5.1 *Principal Aggregates*

5.1.1 Statements 7A and 7B respectively present data on some selected aggregates both in absolute and percentage terms for all the States/UTs ranked in the descending order of their contribution to gross value added. Statement 8A and 8B give the parameter values from manufacturing sector only for all the States/UTs.

5.1.2 In 2023-24, the number of operating factories is reported highest in Tamil Nadu (15.02%) followed by Gujarat (12.52%). Gujarat's share is the highest in respect of aggregates Gross Value of Plant and Machinery (19.96%), Fixed Capital (19.53%), Invested Capital (18.61%), Total Input (17.80%) and Total Output (17.22%). Maharashtra occupies the first position by virtue of its contribution to Total Emoluments (17.48%), Net Value Added (16.24%), Gross Value Added (15.95%) and Working Capital (14.62%). In terms of contribution to net value added, Maharashtra is followed by Gujarat (13.84%), Tamil Nadu (10.17%), Karnataka (7.68%) and Uttar Pradesh (6.93%) in that order.

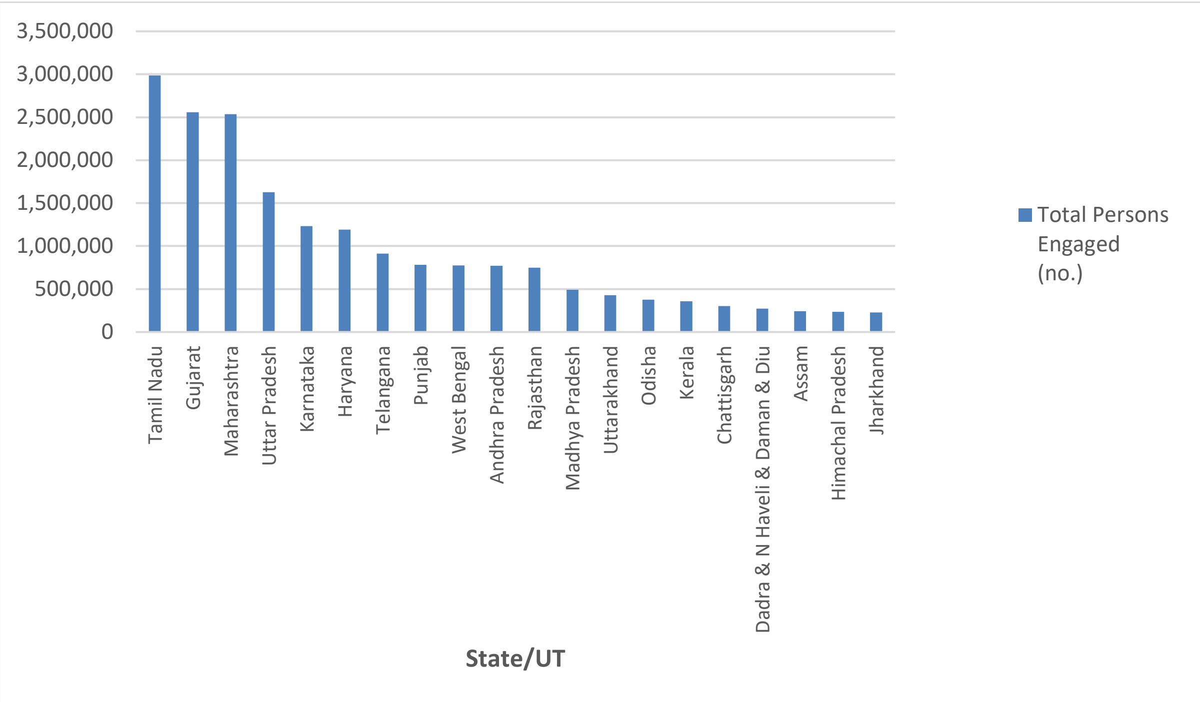
5.2 *Structural Ratios*

5.2.1 Statement 9A gives the structural ratios for all the States/UTs, considering all the sectors. Whereas, Statement 9B gives the structural ratios for all the States/UTs, considering only the selected manufacturing sector. The minimum, maximum and the average value along with the names of the corresponding States/UTs have been summarized for some of these structural ratios (for the whole registered manufacturing sector) below in Table 3. Further, Figure 6 provides graphical representation of Total Persons Engaged in the registered manufacturing sector by State/UT.

Table 3: Structural Ratios: Minimum, Maximum and Average Values: All India

Structural Ratio	Minimum Value	Maximum Value	Average Value
Fixed Capital per Factory in Operation ***(₹ Lakhs)***	18 (Lakshadweep)	12,491 (Odisha)	2,171
Gross Output per Factory in Operation ***(₹ Lakhs)***	26 (Lakshadweep)	36,292 (Sikkim)	7,196
Net Value Added per Factory in Operation ***(₹ Lakhs)***	6 (Lakshadweep)	17,574 (Sikkim)	987
Workers per Factory in Operation ***(Number)***	3 (Lakshadweep)	239 (Sikkim)	73
Total Persons Engaged per Factory in Operation ***(Number)***	4 (Lakshadweep)	297 (Sikkim)	92
Net Value Added per Person Engaged ***(₹)***	1,33,881 (Mizoram)	59,12,832 (Sikkim)	10,73,628
Wages per Worker ***(₹)***	61,098 (Nagaland)	3,20,289 (Jharkhand)	2,16,487

Figure 6: Total Number of Persons Engaged in the Factory Sector by major State/UT



Statement 7A: Value of Principal Characteristics by State/UT (Arranged in Descending Order of GVA)

State/UT	*No. of Operating Factories (no.)*	*Fixed Capital (₹ Lakhs)*	*Working Capital (₹ Lakhs)*	*Invested Capital (₹ Lakhs)*	*Gross Value of Plant and Machinery (₹ Lakhs)*	*Total Persons Engaged (no.)*	*Total Emoluments (₹ Lakhs)*	*Total Input (₹ Lakhs)*	*Total Output (₹ Lakhs)*	*GVA (₹ Lakhs)*	*NVA (₹ Lakhs)*	*% Share in Aggregate GVA*
Maharashtra	21196	55229136	24811492	88548247	58631619	2535846	12527127	182640476	221850214	39209738	34145981	15.95
Gujarat	26663	90327908	22973569	126580739	91774574	2559577	9405891	229029395	263949936	34920541	29099304	14.20
Tamil Nadu	32000	37427225	19073310	59835320	35854144	2984439	9431535	129722031	154939545	25217514	21395650	10.26
Karnataka	11744	28234751	15716326	42679122	28585806	1232959	5487694	80183588	98558291	18374703	16159266	7.47
Uttar Pradesh	18827	25825587	13839745	42134417	23435074	1625746	5455047	93520162	110235849	16715688	14577775	6.80
Haryana	8180	18194363	10438678	30581147	17843822	1191427	4829095	95526847	110833060	15306213	13557017	6.23
Rajasthan	9760	20297198	7132851	28454650	21052233	748268	2706401	50600179	60798138	10197960	8767450	4.15
Andhra Pradesh	12305	25189528	8431829	36612383	22561221	769214	2641227	58476756	68362332	9885577	8007080	4.02
Madhya Pradesh	4587	24308082	3041051	30764572	26816605	492421	1694281	36900970	45167491	8266521	6587788	3.36
Telangana	10503	12305574	9306963	20007259	10631083	911843	2624058	32787548	40986416	8198868	7118423	3.34
West Bengal	8416	15408670	7065088	24476180	15789572	774386	2440522	52636694	60552013	7915319	6680391	3.22
Odisha	2947	36809621	858295	43923438	33522288	377053	1472674	44410135	52278111	7867976	5846487	3.20
Uttarakhand	2461	6340757	3751105	9656528	7040585	428816	1364551	21921610	28088026	6166416	5643456	2.51
Punjab	11316	11946181	6685349	19325770	12429675	780562	1996853	34717686	40754266	6036580	5210987	2.46
Jharkhand	2253	10661082	819112	13803970	11061906	229205	1096751	20691202	26163956	5472754	4774674	2.23
Chattisgarh	4921	13075610	1332797	17421235	13342162	300225	1057364	29087261	33436171	4348911	3544263	1.77
Kerala	6982	6088909	2197004	9276407	4071909	357911	1208933	22447132	26418898	3971766	3474669	1.62
Himachal Pradesh	1980	4945415	2196799	7083713	5112843	236026	971694	12414855	16370941	3956085	3542479	1.61
Dadra & N Haveli & Daman & Diu	1881	4509981	3524635	7470853	5494769	270916	914969	19309009	22616246	3307236	2899593	1.35
Assam	5041	6490221	1285399	7945247	7523534	242640	464638	9888943	12790916	2901973	2429180	1.18
Goa	681	1781115	1422127	2943643	1968894	92172	500974	5262215	6954174	1691959	1477570	0.69
Bihar	2692	3604201	967090	4908921	2431994	139145	274409	11564298	13159728	1595430	1394119	0.65
Sikkim	87	525294	449108	840667	341814	25858	184198	1586891	3157423	1570532	1528940	0.64
Jammu and Kashmir	932	696177	695889	1275898	640890	66954	181469	3158600	3988967	830366	765669	0.34
Puducherry	622	698985	732532	1114708	836066	52977	201472	3107441	3896547	789107	716296	0.32
Delhi	2097	679151	678187	1343204	357598	98813	380133	3637050	4356207	719157	644009	0.29
Meghalaya	188	497304	169316	655930	460527	13085	53217	943217	1154734	211517	168540	0.09
Chandigarh	177	147341	54455	219764	61942	8292	37302	292934	376591	83657	73564	0.03
Tripura	690	60442	17164	100284	17034	24868	19585	187798	232642	44843	38608	0.02
Arunachal Pradesh	182	47650	32695	68194	39066	4364	10715	124713	157962	33249	24226	0.01
Manipur	244	21460	9012	32798	7122	5416	5505	41987	53054	11067	8713	0.00
Nagaland	189	16548	9631	25206	10187	5892	4451	46617	57233	10617	9417	0.00
Mizoram	204	4842	2505	5856	2783	1340	1109	6339	8677	2337	1794	0.00
Ladakh	26	10958	3898	13254	0	285	576	6629	7356	727	463	0.00
A&N Islands	13	1713	782	3396	1810	178	473	3744	4421	676	474	0.00
Lakshadweep	3	54	26	76	0	12	11	53	78	25	18	0.00
All India	**212990**	**462409035**	**169725813**	**680132999**	**459753151**	**19589131**	**71646903**	**1286883003**	**1532716609**	**245833605**	**210314335**	**100.00**

Statement 7B: Percentage Distribution of Principal Characteristics by State/UT (Arranged in Descending Order of GVA)

State/UT	*No. of Operating Factories*	*Fixed Capital*	*Working Capital*	*Invested Capital*	*Gross Value of Plant and Machinery*	*Total Persons Engaged*	*Total Emoluments*	*Total Input*	*Total Output*	*GVA*	*NVA*
Maharashtra	9.95	11.94	14.62	13.02	12.75	12.95	17.48	14.19	14.47	15.95	16.24
Gujarat	12.52	19.53	13.54	18.61	19.96	13.07	13.13	17.80	17.22	14.20	13.84
Tamil Nadu	15.02	8.09	11.24	8.80	7.80	15.24	13.16	10.08	10.11	10.26	10.17
Karnataka	5.51	6.11	9.26	6.28	6.22	6.29	7.66	6.23	6.43	7.47	7.68
Uttar Pradesh	8.84	5.59	8.15	6.20	5.10	8.30	7.61	7.27	7.19	6.80	6.93
Haryana	3.84	3.93	6.15	4.50	3.88	6.08	6.74	7.42	7.23	6.23	6.45
Rajasthan	4.58	4.39	4.20	4.18	4.58	3.82	3.78	3.93	3.97	4.15	4.17
Andhra Pradesh	5.78	5.45	4.97	5.38	4.91	3.93	3.69	4.54	4.46	4.02	3.81
Madhya Pradesh	2.15	5.26	1.79	4.52	5.83	2.51	2.36	2.87	2.95	3.36	3.13
Telangana	4.93	2.66	5.48	2.94	2.31	4.65	3.66	2.55	2.67	3.34	3.38
West Bengal	3.95	3.33	4.16	3.60	3.43	3.95	3.41	4.09	3.95	3.22	3.18
Odisha	1.38	7.96	0.51	6.46	7.29	1.92	2.06	3.45	3.41	3.20	2.78
Uttarakhand	1.16	1.37	2.21	1.42	1.53	2.19	1.90	1.70	1.83	2.51	2.68
Punjab	5.31	2.58	3.94	2.84	2.70	3.98	2.79	2.70	2.66	2.46	2.48
Jharkhand	1.06	2.31	0.48	2.03	2.41	1.17	1.53	1.61	1.71	2.23	2.27
Chattisgarh	2.31	2.83	0.79	2.56	2.90	1.53	1.48	2.26	2.18	1.77	1.69
Kerala	3.28	1.32	1.29	1.36	0.89	1.83	1.69	1.74	1.72	1.62	1.65
Himachal Pradesh	0.93	1.07	1.29	1.04	1.11	1.20	1.36	0.96	1.07	1.61	1.68
Dadra & N Haveli & Daman & Diu	0.88	0.98	2.08	1.10	1.20	1.38	1.28	1.50	1.48	1.35	1.38
Assam	2.37	1.40	0.76	1.17	1.64	1.24	0.65	0.77	0.83	1.18	1.16
Goa	0.32	0.39	0.84	0.43	0.43	0.47	0.70	0.41	0.45	0.69	0.70
Bihar	1.26	0.78	0.57	0.72	0.53	0.71	0.38	0.90	0.86	0.65	0.66
Sikkim	0.04	0.11	0.26	0.12	0.07	0.13	0.26	0.12	0.21	0.64	0.73
Jammu and Kashmir	0.44	0.15	0.41	0.19	0.14	0.34	0.25	0.25	0.26	0.34	0.36
Puducherry	0.29	0.15	0.43	0.16	0.18	0.27	0.28	0.24	0.25	0.32	0.34
Delhi	0.98	0.15	0.40	0.20	0.08	0.50	0.53	0.28	0.28	0.29	0.31
Meghalaya	0.09	0.11	0.10	0.10	0.10	0.07	0.07	0.07	0.08	0.09	0.08
Chandigarh	0.08	0.03	0.03	0.03	0.01	0.04	0.05	0.02	0.02	0.03	0.03
Tripura	0.32	0.01	0.01	0.01	0.00	0.13	0.03	0.01	0.02	0.02	0.02
Arunachal Pradesh	0.09	0.01	0.02	0.01	0.01	0.02	0.01	0.01	0.01	0.01	0.01
Manipur	0.11	0.00	0.01	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00
Nagaland	0.09	0.00	0.01	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00
Mizoram	0.10	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
Ladakh	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
A&N Islands	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All India	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Statement 8A: Value of Principal Characteristics by State/UT (Arranged in Descending Order of GVA) (Only for Selected Manufacturing Sector)

State/UT	No. of Operating Factories (no.)	Fixed Capital (₹ Lakhs)	Working Capital (₹ Lakhs)	Invested Capital (₹ Lakhs)	Gross Value of Plant and Machinery (₹ Lakhs)	Total Persons Engaged (no.)	Total Emoluments (₹ Lakhs)	Total Input (₹ Lakhs)	Total Output (₹ Lakhs)	GVA (₹ Lakhs)	NVA (₹ Lakhs)	% Share in Aggregate GVA
Maharashtra	19827	52431339	24169092	84594403	55476558	2463036	12239076	176201015	214038699	37837685	32958856	16.26
Gujarat	25055	84369149	22624772	119793650	83873463	2490177	9187135	216374129	248816068	32441939	26960201	13.95
Tamil Nadu	29975	35311703	18499229	57343052	33483959	2895415	9155914	127070993	151422945	24351953	20654623	10.47
Karnataka	10464	26481833	15676758	40641067	26922880	1184930	5321570	77822500	95526209	17703709	15584345	7.61
Uttar Pradesh	16452	22215488	12796757	38107795	19526097	1551558	5247358	88909931	104519993	15610063	13719104	6.71
Haryana	7946	17651486	10206752	29781267	17347206	1170615	4747084	94033335	109095997	15062662	13354448	6.47
Andhra Pradesh	11286	24244873	8229330	35575128	21591956	737356	2560294	57534678	67171887	9637209	7830214	4.14
Rajasthan	9239	13712241	7725419	21739780	14879710	721334	2632576	49610140	59007000	9396860	8189791	4.04
Telangana	9466	11399508	8630450	18547496	9783602	860670	2471867	30576090	38201480	7625390	6614984	3.28
Odisha	2778	35304751	699210	42235430	31421703	364690	1430329	43392134	50896288	7504154	5583101	3.23
West Bengal	7893	14420059	7086898	23362645	14496273	752169	2370973	51915334	59411819	7496484	6363353	3.22
Madhya Pradesh	4072	11164268	2680713	17013235	11431039	457764	1549249	32176167	38137035	5960867	5033767	2.56
Punjab	10812	11509197	6522339	18786943	12024258	765762	1958226	33995377	39897675	5902297	5106034	2.54
Uttarakhand	2407	4831132	3883856	8121632	5423700	423791	1318568	21766584	27586532	5819948	5379525	2.50
Jharkhand	2073	10287871	720144	13381373	10629751	221273	1076353	20410298	25786476	5376178	4694302	2.31
Chattisgarh	4686	12393520	1287012	16575364	12624806	281023	996980	27526522	31618154	4091631	3320446	1.76
Kerala	6115	5696359	2092691	8761691	3625986	330523	1134675	21556971	25364685	3807714	3340594	1.64
Himachal Pradesh	1847	3043107	2451702	5166052	3242396	228591	933108	12341268	15850932	3509664	3190775	1.51
Dadra & N Haveli & Daman & Diu	1881	4509981	3524635	7470853	5494769	270916	914969	19309009	22616246	3307236	2899593	1.42
Assam	4842	6418362	1251599	7835627	7474277	238424	454871	9767110	12610008	2842898	2377728	1.22
Goa	631	1664839	1403572	2818308	1930336	88525	490180	5230963	6904731	1673768	1494242	0.72
Sikkim	85	524955	448872	840176	341814	25787	184065	1586459	3156757	1570298	1528734	0.67
Bihar	2476	3494844	928753	4786825	2329291	134086	264812	11460396	13003062	1542666	1356702	0.66
Jammu and Kashmir	905	654730	689212	1210533	630930	63847	174525	3114962	3924739	809777	747666	0.35
Puducherry	596	691823	728046	1104269	830662	51935	198410	3088164	3867085	778921	706453	0.33
Delhi	1800	484711	647939	1099630	225532	80186	315840	3234107	3832620	598514	545573	0.26
Meghalaya	177	478911	166610	634653	439628	12493	51611	905088	1111642	206554	164829	0.09
Chandigarh	150	129383	87548	184528	55983	6760	31496	248408	321843	73435	65552	0.03
Tripura	659	53941	14683	88204	16556	23991	17949	175327	217786	42458	36636	0.02
Arunachal Pradesh	182	47650	32695	68194	39066	4364	10715	124713	157962	33249	24226	0.01
Manipur	238	21033	9086	32154	7121	5274	5253	41599	52205	10606	8290	0.00
Nagaland	167	14608	6977	20697	10117	5518	3953	33181	42586	9405	8294	0.00
Mizoram	186	4657	2389	5653	2783	1213	1017	6220	8361	2140	1618	0.00
A&N Islands	9	1034	-174	1850	1551	125	343	2911	3486	575	439	0.00
Ladakh	23	10775	2591	12642	0	245	438	6398	6893	496	252	0.00
Lakshadweep	3	54	26	76	0	12	11	53	78	25	18	0.00
All India	**197403**	**415674176**	**165928184**	**627742875**	**407635762**	**18914378**	**69451794**	**1241548535**	**1474187965**	**232639430**	**199845302**	**100.00**

Statement 8B: Percentage Distribution of Principal Characteristics by State/UT (Arranged in Descending Order of GVA)
(Only for Selected Manufacturing Sector)

State/UT	*No. of Operating Factories*	*Fixed Capital*	*Working Capital*	*Invested Capital*	*Gross Value of Plant and Machinery*	*Total Persons Engaged*	*Total Emoluments*	*Total Input*	*Total Output*	*GVA*	*NVA*
Maharashtra	10.04	12.61	14.57	13.48	13.61	13.02	17.62	14.19	14.52	16.26	16.49
Gujarat	12.69	20.30	13.64	19.08	20.58	13.17	13.23	17.43	16.88	13.95	13.49
Tamil Nadu	15.18	8.50	11.15	9.13	8.21	15.31	13.18	10.23	10.27	10.47	10.34
Karnataka	5.30	6.37	9.45	6.47	6.60	6.26	7.66	6.27	6.48	7.61	7.80
Uttar Pradesh	8.33	5.34	7.71	6.07	4.79	8.20	7.56	7.16	7.09	6.71	6.86
Haryana	4.03	4.25	6.15	4.74	4.26	6.19	6.84	7.57	7.40	6.47	6.68
Andhra Pradesh	5.72	5.83	4.96	5.67	5.30	3.90	3.69	4.63	4.56	4.14	3.92
Rajasthan	4.68	3.30	4.66	3.46	3.65	3.81	3.79	4.00	4.00	4.04	4.10
Telangana	4.80	2.74	5.20	2.95	2.40	4.55	3.56	2.46	2.59	3.28	3.31
Odisha	1.41	8.49	0.42	6.73	7.71	1.93	2.06	3.50	3.45	3.23	2.79
West Bengal	4.00	3.47	4.27	3.72	3.56	3.98	3.41	4.18	4.03	3.22	3.18
Madhya Pradesh	2.06	2.69	1.62	2.71	2.80	2.42	2.23	2.59	2.59	2.56	2.52
Punjab	5.48	2.77	3.93	2.99	2.95	4.05	2.82	2.74	2.71	2.54	2.55
Uttarakhand	1.22	1.16	2.34	1.29	1.33	2.24	1.90	1.75	1.87	2.50	2.69
Jharkhand	1.05	2.47	0.43	2.13	2.61	1.17	1.55	1.64	1.75	2.31	2.35
Chattisgarh	2.37	2.98	0.78	2.64	3.10	1.49	1.44	2.22	2.14	1.76	1.66
Kerala	3.10	1.37	1.26	1.40	0.89	1.75	1.63	1.74	1.72	1.64	1.67
Himachal Pradesh	0.94	0.73	1.48	0.82	0.80	1.21	1.34	0.99	1.08	1.51	1.60
Dadra & N Haveli & Daman & Diu	0.95	1.08	2.12	1.19	1.35	1.43	1.32	1.56	1.53	1.42	1.45
Assam	2.45	1.54	0.75	1.25	1.83	1.26	0.65	0.79	0.86	1.22	1.19
Goa	0.32	0.40	0.85	0.45	0.47	0.47	0.71	0.42	0.47	0.72	0.75
Sikkim	0.04	0.13	0.27	0.13	0.08	0.14	0.27	0.13	0.21	0.67	0.76
Bihar	1.25	0.84	0.56	0.76	0.57	0.71	0.38	0.92	0.88	0.66	0.68
Jammu and Kashmir	0.46	0.16	0.42	0.19	0.15	0.34	0.25	0.25	0.27	0.35	0.37
Puducherry	0.30	0.17	0.44	0.18	0.20	0.27	0.29	0.25	0.26	0.33	0.35
Delhi	0.91	0.12	0.39	0.18	0.06	0.42	0.45	0.26	0.26	0.26	0.27
Meghalaya	0.09	0.12	0.10	0.10	0.11	0.07	0.07	0.07	0.08	0.09	0.08
Chandigarh	0.08	0.03	0.05	0.03	0.01	0.04	0.05	0.02	0.02	0.03	0.03
Tripura	0.33	0.01	0.01	0.01	0.00	0.13	0.03	0.01	0.01	0.02	0.02
Arunachal Pradesh	0.09	0.01	0.02	0.01	0.01	0.02	0.02	0.01	0.01	0.01	0.01
Manipur	0.12	0.01	0.01	0.01	0.00	0.03	0.01	0.00	0.00	0.00	0.00
Nagaland	0.08	0.00	0.00	0.00	0.00	0.03	0.01	0.00	0.00	0.00	0.00
Mizoram	0.09	0.00	0.00	0.00	0.00	0.01	0.00	0.00	0.00	0.00	0.00
A&N Islands	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Ladakh	0.01	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
Lakshadweep	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
All India	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00	100.00

Statement 9A: Some Structural Ratios by State/UT

State/UT	Fixed Capital per Factory in Operation (₹ Lakhs)	Total Persons Engaged per Factory in Operation (Number)	Workers per Factory in Operation (Number)	Gross Output per Factory in Operation (₹ Lakhs)	Net Value Added per Factory in Operation (₹ Lakhs)	Output per Person Engaged (₹)	Gross Value Added per Person Engaged (₹)	Net Value Added per Person Engaged (₹)	Wages per Worker (₹)
A&N Islands	132	14	11	340	36	2483708	379775	266292	212319
Andhra Pradesh	2047	63	52	5556	651	8887297	1285153	1040943	242490
Arunachal Pradesh	262	24	18	868	133	3619661	761893	555133	128062
Assam	1287	48	40	2537	482	5271561	1195999	1001146	114259
Bihar	1339	52	43	4888	518	9457564	1146595	1001918	139271
Chandigarh	832	47	31	2128	416	4541618	1008888	887168	264092
Chattisgarh	2657	61	49	6795	720	11137038	1448551	1180536	236439
Dadra & N Haveli & Daman & Diu	2398	144	118	12024	1542	8348066	1220761	1070292	193743
Delhi	324	47	32	2077	307	4408536	727796	651745	236657
Goa	2615	135	97	10212	2170	7544779	1835654	1603057	285257
Gujarat	3388	96	74	9899	1091	10312248	1364309	1136879	220391
Haryana	2224	146	116	13549	1657	9302547	1284696	1137881	201272
Himachal Pradesh	2498	119	87	8268	1789	6936075	1676123	1500885	228353
Jammu and Kashmir	747	72	56	4280	822	5957773	1240204	1143575	164336
Jharkhand	4732	102	85	11613	2119	11415090	2387711	2083146	320289
Karnataka	2404	105	83	8392	1376	7993639	1490293	1310609	258145
Kerala	872	51	41	3784	498	7381415	1109708	970819	246271
Ladakh	421	11	9	283	18	2581053	255088	162456	180717
Lakshadweep	18	4	3	26	6	650000	208333	150000	100000
Madhya Pradesh	5299	107	84	9847	1436	9172535	1678751	1337837	201906
Maharashtra	2606	120	87	10467	1611	8748568	1546219	1346532	266307
Manipur	88	22	17	217	36	979579	204339	160875	87888
Meghalaya	2645	70	57	6142	896	8824868	1616485	1288040	192464
Mizoram	24	7	5	43	9	647537	174403	133881	91508
Nagaland	88	31	27	303	50	971368	180193	159827	61098
Odisha	12491	128	107	17739	1984	13864924	2086703	1550574	274325
Puducherry	1124	85	68	6265	1152	7355167	1489528	1352089	243688
Punjab	1056	69	55	3601	460	5221144	773363	667594	173381
Rajasthan	2080	77	61	6229	898	8125182	1362875	1171699	219219
Sikkim	6038	297	239	36292	17574	12210623	6073679	5912832	296360
Tamil Nadu	1170	93	77	4842	669	5191580	844967	716907	198090
Telangana	1172	87	74	3902	678	4494898	899153	780663	188067
Tripura	88	36	30	337	56	935507	180324	155252	62400
Uttar Pradesh	1372	86	68	5855	774	6780632	1028186	896682	176423
Uttarakhand	2576	174	143	11413	2293	6550135	1438010	1316055	196350
West Bengal	1831	92	72	7195	794	7819358	1022141	862669	208138
All India	**2171**	**92**	**73**	**7196**	**987**	**7824322**	**1254949**	**1073628**	**216487**

Statement 9B: Some Structural Ratios by State/UT (Only for Selected Manufacturing Sector)

State/UT	Fixed Capital per Factory in Operation (₹ Lakhs)	Total Persons Engaged per Factory in Operation (Number)	Workers per Factory in Operation (Number)	Gross Output per Factory in Operation (₹ Lakhs)	Net Value Added per Factory in Operation (₹ Lakhs)	Output per Person Engaged (₹)	Gross Value Added per Person Engaged (₹)	Net Value Added per Person Engaged (₹)	Wages per Worker (₹)
A&N Islands	115	14	11	387	49	2788800	460000	351200	208247
Andhra Pradesh	2148	65	54	5952	694	9109831	1306995	1061931	244515
Arunachal Pradesh	262	24	18	868	133	3619661	761893	555133	128062
Assam	1326	49	41	2604	491	5288900	1192371	997269	113387
Bihar	1411	54	46	5252	548	9697554	1150505	1011815	138781
Chandigarh	863	45	30	2146	437	4760991	1086317	969704	262837
Chattisgarh	2645	60	48	6747	709	11251091	1455977	1181557	235969
Dadra & N Haveli & Daman & Diu	2398	144	118	12024	1542	8348066	1220761	1070292	193743
Delhi	269	45	31	2129	303	4779662	746407	680384	234505
Goa	2638	140	101	10943	2368	7799753	1890729	1687932	289721
Gujarat	3367	99	77	9931	1076	9991903	1302797	1082662	221176
Haryana	2221	147	118	13730	1681	9319545	1286731	1140806	201321
Himachal Pradesh	1648	124	91	8582	1728	6934189	1535347	1395845	227395
Jammu and Kashmir	723	71	55	4337	826	6147100	1268309	1171028	163785
Jharkhand	4963	107	89	12439	2264	11653693	2429658	2121498	325143
Karnataka	2531	113	89	9129	1489	8061760	1494072	1315212	259123
Kerala	932	54	43	4148	546	7674106	1152027	1010699	247414
Ladakh	468	11	8	300	11	2813469	202449	102857	154211
Lakshadweep	18	4	3	26	6	650000	208333	150000	100000
Madhya Pradesh	2742	112	88	9366	1236	8331156	1302170	1099642	198500
Maharashtra	2644	124	91	10795	1662	8690035	1536221	1338139	267028
Manipur	88	22	17	219	35	989856	201100	157186	86538
Meghalaya	2706	71	58	6280	931	8898119	1653358	1319371	195139
Mizoram	25	7	5	45	9	689283	176422	133388	92242
Nagaland	87	33	29	255	50	771765	170442	150308	59103
Odisha	12709	131	110	18321	2010	13956042	2057680	1530917	276096
Puducherry	1161	87	69	6488	1185	7446009	1499800	1360264	244171
Punjab	1064	71	57	3690	472	5210193	770774	666791	173160
Rajasthan	1484	78	62	6387	886	8180260	1302706	1135367	219636
Sikkim	6176	303	244	37138	17985	12241661	6089495	5928313	296562
Tamil Nadu	1178	97	81	5052	689	5229749	841052	713356	197442
Telangana	1204	91	77	4036	699	4438575	885983	768585	187742
Tripura	82	36	30	330	56	907782	176975	152707	59361
Uttar Pradesh	1350	94	75	6353	834	6736454	1006090	884215	176809
Uttarakhand	2007	176	145	11461	2235	6509466	1373306	1269382	193358
West Bengal	1827	95	75	7527	806	7898733	996649	846000	208180
All India	**2106**	**96**	**76**	**7468**	**1012**	**7794007**	**1229961**	**1056579**	**216608**

6. *Principal Characteristics by Broad Categories*

6.1 *Principal Characteristics*

6.1.1 Statements 10A and 10B respectively give the distribution of some of the selected parameters in absolute and percentage terms by broad categories of the factory sector covered in ASI.

6.1.2 It may be observed that 92.68% of the operating factories covered in ASI 2023-24 are engaged in selected manufacturing activities, 0.66% are engaged in the generation, transmission and distribution of electricity, gas, water supply etc. and the remaining 6.66% in ‘other’ activity including cotton ginning, cleaning and baling, extraction of salt and some repair services etc. Though the units involved in generation, transmission and distribution of electricity, gas, water supply are a few in numbers, they account for about 8.94% of the total fixed capital as against 1.17% share by the ‘other’ activities. The selected manufacturing activities account for about 89.89% of the fixed capital. The selected manufacturing sector, consistent with its large number of factories, accounts for 96.18% of the value of total output, which is produced by 96.56% of the total persons engaged. The electricity, gas, water sector contributes about 1.77% to the total output and is produced by 0.47% of the total persons engaged. The corresponding share of the ‘other’ activities in the value of total output is 2.05% which is produced by 2.97% of the total persons engaged. Of the estimated total net value added by registered manufacturing sector of ₹21,03,14,335 Lakhs, ₹19,98,45,302 Lakhs (95.02%) originate from selected manufacturing activities, ₹66,15,598 Lakhs (3.15%) from electricity, gas, water supply, and the remaining ₹38,53,434 Lakhs (1.83%) come from the ‘other’ activities.

Statement 10A: Principal Characteristics by Broad Categories

Characteristics	***Unit***	***Selected Manufacturing***	***Electricity, Gas, Water Supply***	***Others***	***Total***
Factories in Operation	Number	197403	1413	14175	212990
Fixed Capital	₹ Lakhs	415674176	41332939	5401921	462409035
Productive Capital	₹ Lakhs	581602360	41233337	9299152	632134848
Invested Capital	₹ Lakhs	627742875	42779957	9610167	680132999
Workers	Number	15040443	71741	407774	15519957
Total Persons Engaged	Number	18914378	92661	582092	19589131
Wages to Workers	₹ Lakhs	32578794	205447	814412	33598653
Total Emoluments	₹ Lakhs	69451794	496280	1698828	71646903
Total Input	₹ Lakhs	1241548535	18342186	26992282	1286883003
Total Output	₹ Lakhs	1474187965	27157788	31370856	1532716609
GVA	₹ Lakhs	232639430	8815601	4378574	245833605
Depreciation	₹ Lakhs	32794128	2200003	525139	35519270
NVA	₹ Lakhs	199845302	6615598	3853434	210314335
Rent Paid for Fixed Assets	₹ Lakhs	593754	15899	23745	633398
Interest Paid	₹ Lakhs	19452732	2347526	493081	22293338
Net Income	₹ Lakhs	179798816	4252174	3336608	187387599
Net Profit	₹ Lakhs	102129513	3681033	1475441	107285987

Statement 10B: Principal Characteristics by Broad Categories
(Percentage Distribution)

Characteristics	*Selected Manufacturing*	*Electricity, Gas, Water Supply*	*Others*	*Total*
Factories in Operation	92.68	0.66	6.66	100.00
Fixed Capital	89.89	8.94	1.17	100.00
Productive Capital	92.01	6.52	1.47	100.00
Invested Capital	92.30	6.29	1.41	100.00
Workers	96.91	0.46	2.63	100.00
Total Persons Engaged	96.56	0.47	2.97	100.00
Wages to Workers	96.96	0.61	2.42	100.00
Total Emoluments	96.94	0.69	2.37	100.00
Total Input	96.48	1.43	2.10	100.00
Total Output	96.18	1.77	2.05	100.00
GVA	94.63	3.59	1.78	100.00
Depreciation	92.33	6.19	1.48	100.00
NVA	95.02	3.15	1.83	100.00
Rent Paid for Fixed Assets	93.74	2.51	3.75	100.00
Interest Paid	87.26	10.53	2.21	100.00
Net Income	95.95	2.27	1.78	100.00
Net Profit	95.19	3.43	1.38	100.00

7. *Distribution of Factories in Operation by Size of Employment*

7.1 *Principal Characteristics*

7.1.1 Statements 11A and 11B respectively present the distribution of factories in operation belonging to the whole factory sector, in absolute and percentage terms, by size class of employment and also some selected characteristics associated with them. Statements 11A and 11B indicate a skewed distribution in the sense that there are larger number of factories with low employment size and a few factories with higher employment size. For example, out of an estimated number of 2,12,990 factories in operation, 1,38,722 factories are found to employ only less than 50 employees each. Further, there is, by and large, heavy concentration of various attributes like fixed capital, output, net value added etc., among the factories belonging to the higher employment size classes. While the lower size classes (up to employment size of 50) has largest concentration of operating factories (65.12%), it utilizes only 8.42% of the fixed capital, provides employment to 11.73% of the total persons engaged, produces 9.90% of the total output and generates 6.59% of national income in the form of net value added by manufacture. On the other hand, the operating factories, each employing at least 200 employees, constitute 13.21% of the operating factories, utilize 79.65% of the total fixed capital, provide gainful employment to 66.95% of the total persons engaged, produce 74.34% of the total output and generate 79.22% of net value added by manufacture. The very large operating factories, employing 5,000 or more employees each, constitute only 0.42% of the operating factories, however, engage 9.78% of total persons engaged, utilize 21.68% of the fixed capital, produce 17.82% of total output and contribute 15.89% to the net value added.

7.1.2 Statements 12A and 12B present the distribution of factories in operation belonging to selected manufacturing sector only, in absolute and percentage terms, by size class of employment as also certain selected characteristics associated with them.

7.1.3 Statement 13A and 13B give the distribution of operating factories by size of employment for each State/UT in absolute and percentage terms respectively for the whole factory sector. Statement 14A and 14B give the distribution of operating factories by size of employment for each State/UT in absolute and percentage terms respectively for selected manufacturing sector only.

7.1.4 Figure 7 and Figure 8 graphically display the distribution of operating factories in the factory sector in absolute and percentage term respectively.

Figure 7: Distribution of Factories in Operation by Size of Employment: All –India

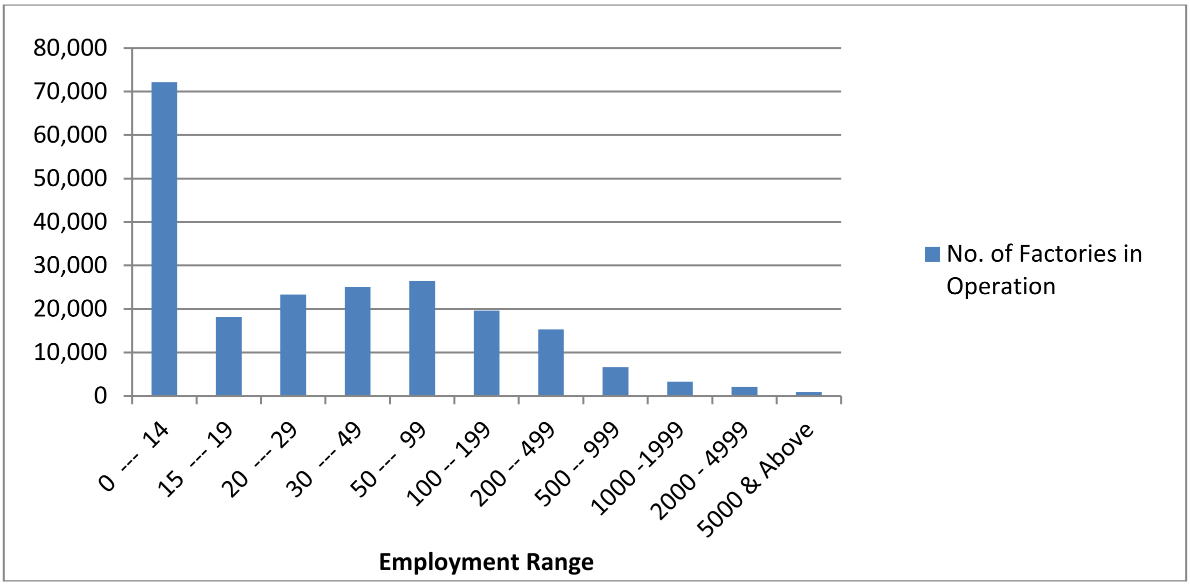
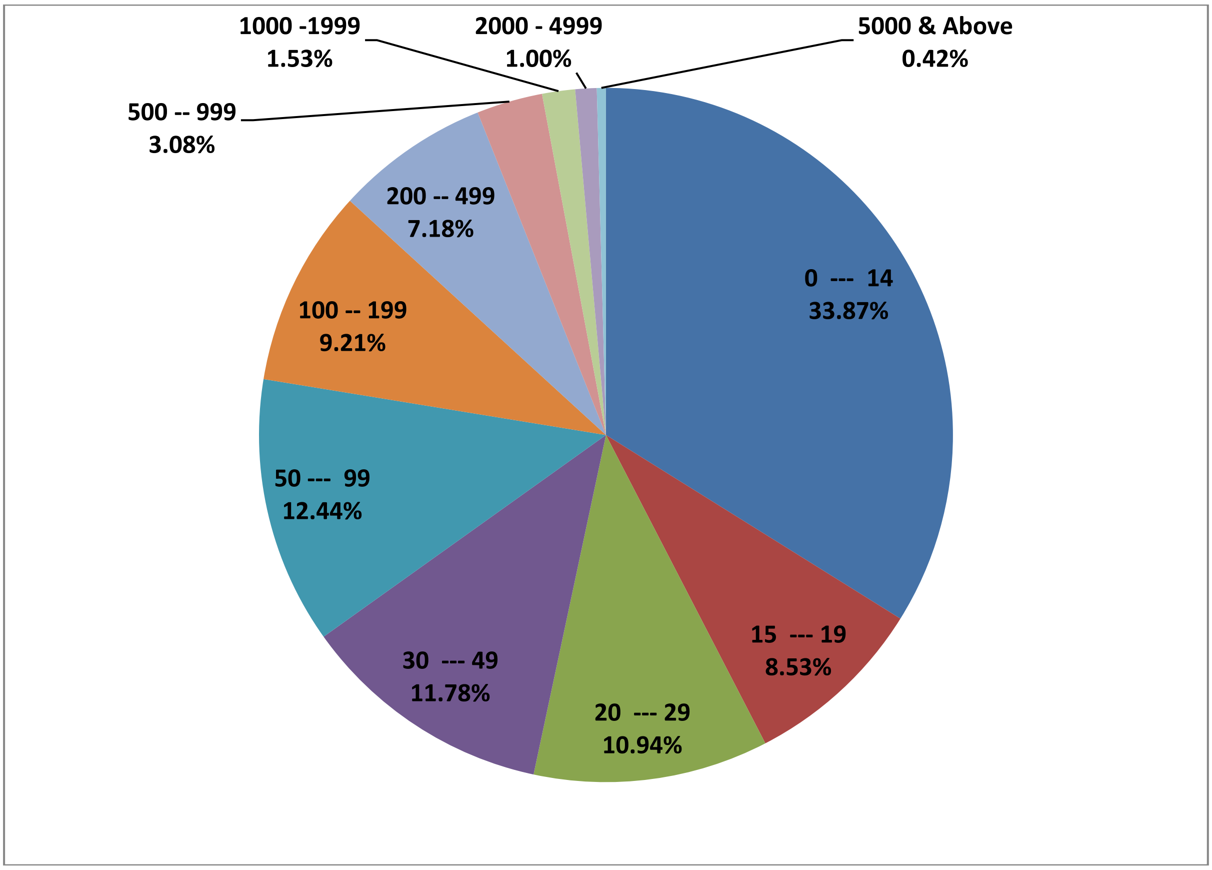


Figure 8: Percentage Distribution of Factories in Operation by Size of Employment: All - India



Statement 11A : Principal Characteristics by Size of Employment

Employment Range	Factories in Operation (Number)	Fixed Capital (₹ Lakhs)	Working Capital (₹ Lakhs)	Productive Capital (₹ Lakhs)	Invested Capital (₹ Lakhs)	Workers (Number)	Total Persons Engaged (Number)	Wages to Workers (₹ Lakhs)
0 --- 14	72144	13722710	5755702	19478412	19685938	338188	506991	471977
15 --- 19	18173	5049007	3296787	8345795	8382812	220891	304756	341599
20 --- 29	23307	7026867	5907265	12934132	12376812	412177	550839	676339
30 --- 49	25098	13137731	11631032	24768763	22330005	711227	935116	1200469
50 --- 99	26505	24120858	14552008	38672867	38138494	1371540	1755300	2375297
100 -- 199	19623	31066419	21097440	52163859	50949213	1905323	2422878	3570036
200 -- 499	15299	63612956	34614506	98227462	101044450	2951464	3717589	6180158
500 -- 999	6552	62645712	25661300	88307012	96285434	2365092	2963313	5377676
1000 -1999	3269	63729887	20561649	84291536	90783624	1888978	2367862	4698419
2000--4999	2120	78056100	16020298	94076397	108172414	1727852	2149634	4268885
5000 & Above	899	100240787	10627825	110868613	131983803	1627225	1914852	4437798
Total	**212990**	**462409035**	**169725813**	**632134848**	**680132999**	**15519957**	**19589131**	**33598653**

Employment Range	Total Emoluments (₹ Lakhs)	Total Input (₹ Lakhs)	Total Output (₹ Lakhs)	Gross Value Added (₹ Lakhs)	Depreciation (₹ Lakhs)	Net Value Added (₹ Lakhs)	Rent Paid for Fixed Assets (₹ Lakhs)	Interest Paid (₹ Lakhs)
0 --- 14	921178	28308086	31745083	3436997	1058460	2378537	21352	987848
15 --- 19	681647	18526442	20772163	2245722	377025	1868696	12828	431653
20 --- 29	1372965	34630402	38925469	4295067	627510	3667557	21458	774071
30 --- 49	2556113	53093954	60171797	7077843	1132713	5945131	30240	1165604
50 --- 99	5024543	82945241	96266422	13321180	2026351	11294829	45357	1928369
100 -- 199	7406925	124127270	145494140	21366869	2813880	18552990	57981	2227058
200 -- 499	13021437	208701922	249363466	40661544	5449941	35211604	68960	3856395
500 -- 999	11628187	168402194	205928925	37526731	5088555	32438175	92714	2944009
1000 -1999	10310179	144251728	182144366	37892638	5046622	32846015	60054	2398058
2000--4999	9543308	190323087	228841507	38518420	5825006	32693414	35068	2481191
5000 & Above	9180418	233572677	273063271	39490594	6073208	33417387	187386	3099082
Total	**71646903**	**1286883003**	**1532716609**	**245833605**	**35519270**	**210314335**	**633398**	**22293338**

Statement 11B : Principal Characteristics by Size of Employment (Percentage Distribution)

Employment Range	*Factories in Operation*	*Fixed Capital*	*Working Capital*	*Productive Capital*	*Invested Capital*	*Workers*	*Total Persons Engaged*	*Wages to Workers*
0 --- 14	33.87	2.97	3.39	3.08	2.89	2.18	2.59	1.40
15 --- 19	8.53	1.09	1.94	1.32	1.23	1.42	1.56	1.02
20 --- 29	10.94	1.52	3.48	2.05	1.82	2.66	2.81	2.01
30 --- 49	11.78	2.84	6.85	3.92	3.28	4.58	4.77	3.57
50 --- 99	12.44	5.22	8.57	6.12	5.61	8.84	8.96	7.07
100 -- 199	9.21	6.72	12.43	8.25	7.49	12.28	12.37	10.63
200 -- 499	7.18	13.76	20.39	15.54	14.86	19.02	18.98	18.39
500 -- 999	3.08	13.55	15.12	13.97	14.16	15.24	15.13	16.01
1000 -1999	1.53	13.78	12.11	13.33	13.35	12.17	12.09	13.98
2000--4999	1.00	16.88	9.44	14.88	15.90	11.13	10.97	12.71
5000 & Above	0.42	21.68	6.26	17.54	19.41	10.48	9.78	13.21
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Employment Range	*Total Emoluments*	*Total Input*	*Total Output*	*Gross Value Added*	*Depreciation*	*Net Value Added*	*Rent Paid for Fixed Assets*	*Interest Paid*
0 --- 14	1.29	2.20	2.07	1.40	2.98	1.13	3.37	4.43
15 --- 19	0.95	1.44	1.36	0.91	1.06	0.89	2.03	1.94
20 --- 29	1.92	2.69	2.54	1.75	1.77	1.74	3.39	3.47
30 --- 49	3.57	4.13	3.93	2.88	3.19	2.83	4.77	5.23
50 --- 99	7.01	6.45	6.28	5.42	5.70	5.37	7.16	8.65
100 -- 199	10.34	9.65	9.49	8.69	7.92	8.82	9.15	9.99
200 -- 499	18.17	16.22	16.27	16.54	15.34	16.74	10.89	17.30
500 -- 999	16.23	13.09	13.44	15.27	14.33	15.42	14.64	13.21
1000 -1999	14.39	11.21	11.88	15.41	14.21	15.62	9.48	10.76
2000--4999	13.32	14.79	14.93	15.67	16.40	15.55	5.54	11.13
5000 & Above	12.81	18.15	17.82	16.06	17.10	15.89	29.58	13.90
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Statement 12A : Principal Characteristics by Size of Employment (Only for Selected Manufacturing Sector)

Employment Range	Factories in Operation (Number)	Fixed Capital (₹ Lakhs)	Working Capital (₹ Lakhs)	Productive Capital (₹ Lakhs)	Invested Capital (₹ Lakhs)	Workers (Number)	Total Persons Engaged (Number)	Wages to Workers (₹ Lakhs)
0 --- 14	66204	8635123	5952261	14587384	14082027	309534	462625	426742
15 --- 19	16681	3284714	3002454	6287168	6310575	204027	279975	315251
20 --- 29	21375	5143930	5395232	10539163	10014790	380325	505689	619016
30 --- 49	23422	11390930	11291275	22682205	20129792	667241	874301	1121057
50 --- 99	24694	17813138	14124691	31937829	31120048	1293471	1647275	2219380
100 -- 199	18347	27528083	20653647	48181730	46690170	1822223	2303911	3387243
200 -- 499	14496	54380635	33084507	87465142	90860076	2874351	3612059	6006272
500 -- 999	6175	58371250	25708423	84079673	91492046	2301316	2884026	5213962
1000 -1999	3075	56712726	19076911	75789637	83083120	1855382	2306929	4610193
2000--4999	2034	72172858	17010958	89183816	101976428	1705346	2122737	4221880
5000 & Above	899	100240787	10627825	110868613	131983803	1627225	1914852	4437798
Total	**197403**	**415674176**	**165928184**	**581602360**	**627742875**	**15040443**	**18914378**	**32578794**

Employment Range	Total Emoluments (₹ Lakhs)	Total Input (₹ Lakhs)	Total Output (₹ Lakhs)	Gross Value Added (₹ Lakhs)	Depreciation (₹ Lakhs)	Net Value Added (₹ Lakhs)	Rent Paid for Fixed Assets (₹ Lakhs)	Interest Paid (₹ Lakhs)
0 --- 14	828250	24694260	27346551	2652292	808808	1843484	18574	631552
15 --- 19	626073	16359189	18284463	1925275	298372	1626902	11812	327804
20 --- 29	1217913	30919075	34662751	3743677	521341	3222336	20047	582950
30 --- 49	2398432	49875134	56366440	6491306	1013067	5478240	27324	1009659
50 --- 99	4705437	78628344	90483778	11855434	1701055	10154380	40389	1410630
100 -- 199	7027161	119086945	139234194	20147249	2593460	17553789	53141	1981201
200 -- 499	12618671	199450954	237451926	38000972	4949748	33051224	62673	3384348
500 -- 999	11313754	162105806	198034460	35928654	4840696	31087958	87381	2710135
1000 -1999	10091668	139655106	175526308	35871202	4586010	31285192	56538	2085046
2000--4999	9444017	187201048	223733821	36532774	5408365	31124409	28490	2230324
5000 & Above	9180418	233572677	273063271	39490594	6073208	33417387	187386	3099082
Total	**69451794**	**1241548535**	**1474187965**	**232639430**	**32794128**	**199845302**	**593754**	**19452732**

Statement 12B : Principal Characteristics by Size of Employment (Only for Selected Manufacturing Sector)
(Percentage Distribution)

Employment Range	Factories in Operation	Fixed Capital	Working Capital	Productive Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers
0 --- 14	33.54	2.08	3.59	2.51	2.24	2.06	2.45	1.31
15 --- 19	8.45	0.79	1.81	1.08	1.01	1.36	1.48	0.97
20 --- 29	10.83	1.24	3.25	1.81	1.60	2.53	2.67	1.90
30 --- 49	11.87	2.74	6.80	3.90	3.21	4.44	4.62	3.44
50 --- 99	12.51	4.29	8.51	5.49	4.96	8.60	8.71	6.81
100 -- 199	9.29	6.62	12.45	8.28	7.44	12.12	12.18	10.40
200 -- 499	7.34	13.08	19.94	15.04	14.47	19.11	19.10	18.44
500 -- 999	3.13	14.04	15.49	14.46	14.57	15.30	15.25	16.00
1000 -1999	1.56	13.64	11.50	13.03	13.24	12.34	12.20	14.15
2000--4999	1.03	17.36	10.25	15.33	16.24	11.34	11.22	12.96
5000 & Above	0.46	24.12	6.41	19.06	21.03	10.82	10.12	13.62
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Employment Range	Total Emoluments	Total Input	Total Output	Gross Value Added	Depreciation	Net Value Added	Rent Paid for Fixed Assets	Interest Paid
0 --- 14	1.19	1.99	1.86	1.14	2.47	0.92	3.13	3.25
15 --- 19	0.90	1.32	1.24	0.83	0.91	0.81	1.99	1.69
20 --- 29	1.75	2.49	2.35	1.61	1.59	1.61	3.38	3.00
30 --- 49	3.45	4.02	3.82	2.79	3.09	2.74	4.60	5.19
50 --- 99	6.78	6.33	6.14	5.10	5.19	5.08	6.80	7.25
100 -- 199	10.12	9.59	9.44	8.66	7.91	8.78	8.95	10.18
200 -- 499	18.17	16.06	16.11	16.33	15.09	16.54	10.56	17.40
500 -- 999	16.29	13.06	13.43	15.44	14.76	15.56	14.72	13.93
1000 -1999	14.53	11.25	11.91	15.42	13.98	15.65	9.52	10.72
2000--4999	13.60	15.08	15.18	15.70	16.49	15.57	4.80	11.47
5000 & Above	13.22	18.81	18.52	16.98	18.52	16.72	31.56	15.93
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Statement 13A : Distribution of Factories in Operation by Size of Employment for each State/UT

State/UT	Employment Size												No. of Workers	Total Persons Engaged
	0 --- 14	15 --- 19	20 --- 29	30 --- 49	50 --- 99	100 -- 199	200 -- 499	500 -- 999	1000 -- 1999	2000 -- 4999	5000 & Above	Total		
A&N Islands	4	2	6	1	0	0	0	0	0	0	0	13	138	178
Andhra Pradesh	7520	740	975	888	673	530	542	212	129	70	26	12305	635844	769214
Arunachal Pradesh	97	23	25	21	7	6	3	0	0	0	0	182	3225	4364
Assam	2241	294	434	565	816	519	141	20	8	3	0	5041	201498	242640
Bihar	1186	164	195	178	644	231	56	32	5	1	0	2692	117074	139145
Chandigarh	93	14	17	9	19	17	3	5	0	0	0	177	5489	8292
Chattisgarh	2669	569	481	393	235	192	199	57	44	21	61	4921	239408	300225
Dadra & N Haveli & Daman & Diu	342	105	131	217	379	255	200	154	46	23	28	1881	222878	270916
Delhi	808	189	281	236	242	150	158	23	9	2	0	2097	67932	98813
Goa	172	24	59	95	95	95	77	33	23	9	0	681	66181	92172
Gujarat	8597	2702	3178	3475	3274	2251	1744	762	364	249	66	26663	1978830	2559577
Haryana	1601	572	950	1016	1310	1071	991	380	170	106	14	8180	946914	1191427
Himachal Pradesh	392	172	211	311	312	274	192	84	25	8	0	1980	172793	236026
Jammu and Kashmir	413	66	81	95	103	92	64	16	1	1	1	932	51826	66954
Jharkhand	863	142	268	330	271	161	98	54	21	9	37	2253	190991	229205
Karnataka	3203	1044	1309	1391	1507	1165	994	484	306	221	121	11744	968922	1232959
Kerala	2845	601	910	834	719	449	302	165	92	54	12	6982	282993	357911
Ladakh	18	3	2	3	0	0	0	0	0	0	0	26	223	285
Lakshadweep	3	0	0	0	0	0	0	0	0	0	0	3	8	12
Madhya Pradesh	1648	405	502	578	439	366	384	157	63	41	4	4587	384680	492421
Maharashtra	4882	1408	2262	2633	3029	2959	2280	1002	481	195	66	21196	1849633	2535846
Manipur	125	29	28	43	13	3	3	0	0	0	0	244	4219	5416
Meghalaya	96	17	18	18	19	5	7	5	3	0	0	188	10682	13085
Mizoram	194	6	1	2	1	0	0	0	0	0	0	204	1048	1340
Nagaland	108	14	11	13	36	6	0	1	0	0	0	189	5082	5892
Odisha	1291	327	338	294	221	156	165	74	41	17	23	2947	314090	377053
Puducherry	297	62	8	29	83	61	40	28	12	1	0	622	42240	52977
Punjab	3822	1406	1875	1440	1337	604	434	239	101	59	1	11316	627499	780562
Rajasthan	3228	932	1192	1398	1155	864	599	234	65	64	30	9760	596600	748268
Sikkim	9	1	5	9	17	8	20	10	7	1	0	87	20825	25858
Tamil Nadu	9359	2356	3190	3700	4333	3188	2879	1261	749	675	311	32000	2475675	2984439
Telangana	4808	819	1114	974	1038	680	609	252	108	55	45	10503	772749	911843
Tripura	365	26	29	38	158	60	13	1	0	0	0	690	20601	24868
Uttar Pradesh	5531	2010	2132	2467	2565	1996	1336	449	197	118	27	18827	1280760	1625746
Uttarakhand	331	96	267	362	422	432	300	147	69	32	4	2461	351659	428816
West Bengal	2985	833	824	1044	1036	776	467	213	131	86	22	8416	608746	774386
All India	**72144**	**18173**	**23307**	**25098**	**26505**	**19623**	**15299**	**6552**	**3269**	**2120**	**899**	**212990**	**15519957**	**19589131**

Statement 13B : Percentage Distribution of Factories in Operation by Size of Employment for each State/UT

State/UT	Employment Size												No. of Workers	Total Persons Engaged
	0 --- 14	15 --- 19	20 --- 29	30 --- 49	50 --- 99	100 -- 199	200 -- 499	500 -- 999	1000 - 1999	2000-- 4999	5000& Above	Total		
A&N Islands	30.77	15.38	46.15	7.69	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.02	0.00
Andhra Pradesh	61.11	6.01	7.92	7.22	5.47	4.31	4.40	1.72	1.05	0.57	0.21	100.00	4.10	3.93
Arunachal Pradesh	53.30	12.64	13.74	11.54	3.85	3.30	1.65	0.00	0.00	0.00	0.00	100.00	0.02	0.02
Assam	44.46	5.83	8.61	11.21	16.19	10.30	2.80	0.40	0.16	0.06	0.00	100.00	1.30	1.24
Bihar	44.06	6.09	7.24	6.61	23.92	8.58	2.08	1.19	0.19	0.04	0.00	100.00	0.75	0.71
Chandigarh	52.54	7.91	9.60	5.08	10.73	9.60	1.69	2.82	0.00	0.00	0.00	100.00	0.04	0.04
Chattisgarh	54.24	11.56	9.77	7.99	4.78	3.90	4.04	1.16	0.89	0.43	1.24	100.00	1.54	1.53
Dadra & N Haveli & Daman & Diu	18.18	5.58	6.96	11.54	20.15	13.56	10.63	8.19	2.45	1.22	1.49	100.00	1.44	1.38
Delhi	38.53	9.01	13.40	11.25	11.54	7.15	7.53	1.10	0.43	0.10	0.00	100.00	0.44	0.50
Goa	25.26	3.52	8.66	13.95	13.95	13.95	11.31	4.85	3.38	1.32	0.00	100.00	0.43	0.47
Gujarat	32.24	10.13	11.92	13.03	12.28	8.44	6.54	2.86	1.37	0.93	0.25	100.00	12.75	13.07
Haryana	19.57	6.99	11.61	12.42	16.01	13.09	12.11	4.65	2.08	1.30	0.17	100.00	6.10	6.08
Himachal Pradesh	19.80	8.69	10.66	15.71	15.76	13.84	9.70	4.24	1.26	0.40	0.00	100.00	1.11	1.20
Jammu and Kashmir	44.31	7.08	8.69	10.19	11.05	9.87	6.87	1.72	0.11	0.11	0.11	100.00	0.33	0.34
Jharkhand	38.30	6.30	11.90	14.65	12.03	7.15	4.35	2.40	0.93	0.40	1.64	100.00	1.23	1.17
Karnataka	27.27	8.89	11.15	11.84	12.83	9.92	8.46	4.12	2.61	1.88	1.03	100.00	6.24	6.29
Kerala	40.75	8.61	13.03	11.95	10.30	6.43	4.33	2.36	1.32	0.77	0.17	100.00	1.82	1.83
Ladakh	69.23	11.54	7.69	11.54	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
Lakshadweep	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
Madhya Pradesh	35.93	8.83	10.94	12.60	9.57	7.98	8.37	3.42	1.37	0.89	0.09	100.00	2.48	2.51
Maharashtra	23.03	6.64	10.67	12.42	14.29	13.96	10.76	4.73	2.27	0.92	0.31	100.00	11.92	12.95
Manipur	51.23	11.89	11.48	17.62	5.33	1.23	1.23	0.00	0.00	0.00	0.00	100.00	0.03	0.03
Meghalaya	51.06	9.04	9.57	9.57	10.11	2.66	3.72	2.66	1.60	0.00	0.00	100.00	0.07	0.07
Mizoram	95.10	2.94	0.49	0.98	0.49	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.01	0.01
Nagaland	57.14	7.41	5.82	6.88	19.05	3.17	0.00	0.53	0.00	0.00	0.00	100.00	0.03	0.03
Odisha	43.81	11.10	11.47	9.98	7.50	5.29	5.60	2.51	1.39	0.58	0.78	100.00	2.02	1.92
Puducherry	47.75	9.97	1.29	4.66	13.34	9.81	6.43	4.50	1.93	0.16	0.00	100.00	0.27	0.27
Punjab	33.78	12.42	16.57	12.73	11.82	5.34	3.84	2.11	0.89	0.52	0.01	100.00	4.04	3.98
Rajasthan	33.07	9.55	12.21	14.32	11.83	8.85	6.14	2.40	0.67	0.66	0.31	100.00	3.84	3.82
Sikkim	10.34	1.15	5.75	10.34	19.54	9.20	22.99	11.49	8.05	1.15	0.00	100.00	0.13	0.13
Tamil Nadu	29.25	7.36	9.97	11.56	13.54	9.96	9.00	3.94	2.34	2.11	0.97	100.00	15.95	15.24
Telangana	45.78	7.80	10.61	9.27	9.88	6.47	5.80	2.40	1.03	0.52	0.43	100.00	4.98	4.65
Tripura	52.90	3.77	4.20	5.51	22.90	8.70	1.88	0.14	0.00	0.00	0.00	100.00	0.13	0.13
Uttar Pradesh	29.38	10.68	11.32	13.10	13.62	10.60	7.10	2.38	1.05	0.63	0.14	100.00	8.25	8.30
Uttarakhand	13.45	3.90	10.85	14.71	17.15	17.55	12.19	5.97	2.80	1.30	0.16	100.00	2.27	2.19
West Bengal	35.47	9.90	9.79	12.40	12.31	9.22	5.55	2.53	1.56	1.02	0.26	100.00	3.92	3.95
All India	33.87	8.53	10.94	11.78	12.44	9.21	7.18	3.08	1.53	1.00	0.42	100.00	100.00	100.00

Statement 14A : Distribution of Factories in Operation by Size of Employment for each State/UT
(Only for Selected Manufacturing Sector)

State/UT	Employment Size												No. of Workers	Total Persons Engaged
	0 --- 14	15 --- 19	20 --- 29	30 --- 49	50 --- 99	100 -- 199	200 -- 499	500 -- 999	1000 - 1999	2000-- 4999	5000& Above	Total		
A&N Islands	3	2	3	1	0	0	0	0	0	0	0	9	97	125
Andhra Pradesh	6949	683	843	785	569	510	520	205	127	70	26	11286	610867	737356
Arunachal Pradesh	97	23	25	21	7	6	3	0	0	0	0	182	3225	4364
Assam	2123	282	421	538	791	515	140	20	8	3	0	4842	198585	238424
Bihar	1082	121	172	167	633	212	55	29	5	1	0	2476	113412	134086
Chandigarh	92	13	7	9	11	10	3	5	0	0	0	150	4491	6760
Chattisgarh	2590	532	466	367	218	162	189	37	44	21	61	4686	224400	281023
Dadra & N Haveli & Daman & Diu	342	105	131	217	379	255	200	154	46	23	28	1881	222878	270916
Delhi	722	171	263	200	188	112	120	16	7	2	0	1800	55386	80186
Goa	168	15	59	86	83	80	76	33	23	9	0	631	63482	88525
Gujarat	7912	2559	2921	3366	3162	2096	1702	743	355	173	66	25055	1931008	2490177
Haryana	1550	554	921	981	1278	1038	964	372	169	106	14	7946	934069	1170615
Himachal Pradesh	371	156	185	263	303	265	190	83	24	8	0	1847	167608	228591
Jammu and Kashmir	408	65	78	92	100	89	56	15	1	1	1	905	49670	63847
Jharkhand	831	133	228	286	240	145	97	46	21	9	37	2073	184732	221273
Karnataka	2756	934	1218	1292	1349	1053	888	420	216	218	121	10464	933792	1184930
Kerala	2590	542	753	618	590	414	286	165	92	54	12	6115	264774	330523
Ladakh	16	3	2	2	0	0	0	0	0	0	0	23	190	245
Lakshadweep	3	0	0	0	0	0	0	0	0	0	0	3	8	12
Madhya Pradesh	1438	360	424	529	380	326	362	152	58	39	4	4072	357371	457764
Maharashtra	4497	1256	2076	2436	2897	2780	2175	983	466	195	66	19827	1798270	2463036
Manipur	122	28	28	42	12	3	3	0	0	0	0	238	4108	5274
Meghalaya	92	15	18	14	19	5	6	5	3	0	0	177	10183	12493
Mizoram	176	6	1	2	1	0	0	0	0	0	0	186	941	1213
Nagaland	92	11	11	12	35	5	0	1	0	0	0	167	4817	5518
Odisha	1227	321	318	280	199	137	155	66	36	17	23	2778	305362	364690
Puducherry	286	62	8	19	80	60	39	28	12	1	0	596	41382	51935
Punjab	3536	1369	1822	1397	1286	584	427	231	101	59	1	10812	618101	765762
Rajasthan	3047	899	1143	1354	1032	806	580	222	65	63	30	9239	576313	721334
Sikkim	8	1	5	9	16	8	20	10	7	1	0	85	20770	25787
Tamil Nadu	8641	2203	2956	3554	4099	2976	2696	1155	711	673	311	29975	2415980	2895415
Telangana	4538	729	1017	867	886	568	481	195	86	54	45	9466	732786	860670
Tripura	346	24	27	36	157	58	10	1	0	0	0	659	19971	23991
Uttar Pradesh	4464	1645	1844	2203	2308	1907	1303	438	195	118	27	16452	1227247	1551558
Uttarakhand	320	96	260	359	401	425	296	146	69	32	4	2407	348820	423791
West Bengal	2768	764	723	1020	989	738	455	201	128	85	22	7893	595344	752169
All India	66204	16681	21375	23422	24694	18347	14496	6175	3075	2034	899	197403	15040443	18914378

Statement 14B : Percentage Distribution of Factories in Operation by Size of Employment for each State/UT (Only for Selected Manufacturing Sector)

State/UT	Employment Size												No. of Workers	Total Persons Engaged
	0 --- 14	15 --- 19	20 --- 29	30 --- 49	50 --- 99	100 -- 199	200 -- 499	500 -- 999	1000 - 1999	2000-- 4999	5000& Above	Total		
A&N Islands	33.33	22.22	33.33	11.11	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.02	0.00
Andhra Pradesh	61.57	6.05	7.47	6.96	5.04	4.52	4.61	1.82	1.13	0.62	0.23	100.00	4.06	3.90
Arunachal Pradesh	53.30	12.64	13.74	11.54	3.85	3.30	1.65	0.00	0.00	0.00	0.00	100.00	0.02	0.02
Assam	43.85	5.82	8.69	11.11	16.34	10.64	2.89	0.41	0.17	0.06	0.00	100.00	1.32	1.26
Bihar	43.70	4.89	6.95	6.74	25.57	8.56	2.22	1.17	0.20	0.04	0.00	100.00	0.75	0.71
Chandigarh	61.33	8.67	4.67	6.00	7.33	6.67	2.00	3.33	0.00	0.00	0.00	100.00	0.03	0.04
Chattisgarh	55.27	11.35	9.94	7.83	4.65	3.46	4.03	0.79	0.94	0.45	1.30	100.00	1.49	1.49
Dadra & N Haveli & Daman & Diu	18.18	5.58	6.96	11.54	20.15	13.56	10.63	8.19	2.45	1.22	1.49	100.00	1.48	1.43
Delhi	40.11	9.50	14.61	11.11	10.44	6.22	6.67	0.89	0.39	0.11	0.00	100.00	0.37	0.42
Goa	26.62	2.38	9.35	13.63	13.15	12.68	12.04	5.23	3.65	1.43	0.00	100.00	0.42	0.47
Gujarat	31.58	10.21	11.66	13.43	12.62	8.37	6.79	2.97	1.42	0.69	0.26	100.00	12.84	13.17
Haryana	19.51	6.97	11.59	12.35	16.08	13.06	12.13	4.68	2.13	1.33	0.18	100.00	6.21	6.19
Himachal Pradesh	20.09	8.45	10.02	14.24	16.40	14.35	10.29	4.49	1.30	0.43	0.00	100.00	1.11	1.21
Jammu and Kashmir	45.08	7.18	8.62	10.17	11.05	9.83	6.19	1.66	0.11	0.11	0.11	100.00	0.33	0.34
Jharkhand	40.09	6.42	11.00	13.80	11.58	6.99	4.68	2.22	1.01	0.43	1.78	100.00	1.23	1.17
Karnataka	26.34	8.93	11.64	12.35	12.89	10.06	8.49	4.01	2.06	2.08	1.16	100.00	6.21	6.26
Kerala	42.35	8.86	12.31	10.11	9.65	6.77	4.68	2.70	1.50	0.88	0.20	100.00	1.76	1.75
Ladakh	69.57	13.04	8.70	8.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
Lakshadweep	100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.00	0.00
Madhya Pradesh	35.31	8.84	10.41	12.99	9.33	8.01	8.89	3.73	1.42	0.96	0.10	100.00	2.38	2.42
Maharashtra	22.68	6.33	10.47	12.29	14.61	14.02	10.97	4.96	2.35	0.98	0.33	100.00	11.96	13.02
Manipur	51.26	11.76	11.76	17.65	5.04	1.26	1.26	0.00	0.00	0.00	0.00	100.00	0.03	0.03
Meghalaya	51.98	8.47	10.17	7.91	10.73	2.82	3.39	2.82	1.69	0.00	0.00	100.00	0.07	0.07
Mizoram	94.62	3.23	0.54	1.08	0.54	0.00	0.00	0.00	0.00	0.00	0.00	100.00	0.01	0.01
Nagaland	55.09	6.59	6.59	7.19	20.96	2.99	0.00	0.60	0.00	0.00	0.00	100.00	0.03	0.03
Odisha	44.17	11.56	11.45	10.08	7.16	4.93	5.58	2.38	1.30	0.61	0.83	100.00	2.03	1.93
Puducherry	47.99	10.40	1.34	3.19	13.42	10.07	6.54	4.70	2.01	0.17	0.00	100.00	0.28	0.27
Punjab	32.70	12.66	16.85	12.92	11.89	5.40	3.95	2.14	0.93	0.55	0.01	100.00	4.11	4.05
Rajasthan	32.98	9.73	12.37	14.66	11.17	8.72	6.28	2.40	0.70	0.68	0.32	100.00	3.83	3.81
Sikkim	9.41	1.18	5.88	10.59	18.82	9.41	23.53	11.76	8.24	1.18	0.00	100.00	0.14	0.14
Tamil Nadu	28.83	7.35	9.86	11.86	13.67	9.93	8.99	3.85	2.37	2.25	1.04	100.00	16.06	15.31
Telangana	47.94	7.70	10.74	9.16	9.36	6.00	5.08	2.06	0.91	0.57	0.48	100.00	4.87	4.55
Tripura	52.50	3.64	4.10	5.46	23.82	8.80	1.52	0.15	0.00	0.00	0.00	100.00	0.13	0.13
Uttar Pradesh	27.13	10.00	11.21	13.39	14.03	11.59	7.92	2.66	1.19	0.72	0.16	100.00	8.16	8.20
Uttarakhand	13.29	3.99	10.80	14.91	16.66	17.66	12.30	6.07	2.87	1.33	0.17	100.00	2.32	2.24
West Bengal	35.07	9.68	9.16	12.92	12.53	9.35	5.76	2.55	1.62	1.08	0.28	100.00	3.96	3.98
All India	33.54	8.45	10.83	11.87	12.51	9.29	7.34	3.13	1.56	1.03	0.46	100.00	100.00	100.00

8. *Distribution of Factories in Operation by Size of Capital*

8.1 *Principal Characteristics*

8.1.1 The Statements 15A and 15B give the distribution of factories by size of capital, namely, the gross value of plant and machinery installed in the factory and their shares in certain selected characteristics. Statement 15B shows that the factories with an investment in plant and machinery upto ₹ 5 Crores, account for 79.52% of the total factories which have operated during 2023-24. While these factories share 9.69% of total fixed capital to work with, they provide gainful employment to 35.22% of the total persons engaged. Their contribution to the total output and net value added by manufacture are 18.75% and 17.22% respectively. As against this, the operational factories, with gross investment in plant and machinery of ₹ 10 Crores & above, are very few (15.11%) in number, account for 88.26% of total fixed capital, 58.80% of total persons engaged, 77.30% of the gross output and 78.91% of the total net value added by manufacture.

Statement 15A: Principal Characteristics by Size of Capital

Capital Range (₹ Lakhs) *	Factories in Operation	Fixed Capital	Productive Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers	Total Emoluments
	(Number)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(Number)	(Number)	(₹ Lakhs)	(₹ Lakhs)
Upto 25	132825	33524283	63677119	61943751	4070534	5007821	6196483	10644824
25 -- 500	36552	11286623	29160167	24982854	1418313	1893159	2648151	5957027
500 -- 1000	11420	9473253	18268862	18546533	893731	1168791	1738689	3726168
1000 & above	32193	408124876	521028700	574659861	9137379	11519361	23015330	51318883
Total	**212990**	**462409035**	**632134848**	**680132999**	**15519957**	**19589131**	**33598653**	**71646903**

Capital Range (₹ Lakhs) *	Total Input	Total Output	Gross Value Added	Depreciation	Net Value Added	Rent Paid for Fixed Assets	Interest Paid
	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)
Upto 25	165190286	191831897	26641611	3368456	23273155	85341	3071879
25 -- 500	81433093	95467938	14034845	1101131	12933714	66682	1257044
500 -- 1000	51485337	60579130	9093794	946172	8147622	39384	935910
1000 & above	988774287	1184837643	196063356	30103512	165959844	441990	17028505
Total	**1286883003**	**1532716609**	**245833605**	**35519270**	**210314335**	**633398**	**22293338**

* In terms of Gross Value of Plant and Machinery

Statement 15B: Principal Characteristics by Size of Capital
(Percentage Distribution)

*Capital Range (₹ Lakhs) **	*Factories in Operation*	*Fixed Capital*	*Productive Capital*	*Invested Capital*	*Workers*	*Total Persons Engaged*	*Wages to Workers*	*Total Emoluments*
Upto 25	62.36	7.25	10.07	9.11	26.23	25.56	18.44	14.86
25 -- 500	17.16	2.44	4.61	3.67	9.14	9.66	7.88	8.31
500 -- 1000	5.36	2.05	2.89	2.73	5.76	5.97	5.17	5.20
1000 & above	15.11	88.26	82.42	84.49	58.88	58.80	68.50	71.63
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

*Capital Range (₹ Lakhs) **	*Total Input*	*Total Output*	*Gross Value Added*	*Depreciation*	*Net Value Added*	*Rent Paid for Fixed Assets*	*Interest Paid*
Upto 25	12.84	12.52	10.84	9.48	11.07	13.47	13.78
25 -- 500	6.33	6.23	5.71	3.10	6.15	10.53	5.64
500 -- 1000	4.00	3.95	3.70	2.66	3.87	6.22	4.20
1000 & above	76.83	77.30	79.75	84.75	78.91	69.78	76.38
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

* In terms of Gross Value of Plant and Machinery

9. *Distribution of Factories in Operation by Size of Total Output*

9.1 *Principal Characteristics*

9.1.1 The distribution of factories along with related characteristics, classified by size class of total output, is presented in Statement 16A. The percentage distribution of these characteristics is given in Statement 16B. It is observed that 19.31% of the operating factories, that produce gross output up to one Crore, share 1.30% of fixed capital, provide employment to 2.02% of total persons engaged, pay emoluments to the extent of 0.61% of total emoluments, contribute 0.08% to the total output. Also, 45.57% of the operating factories, producing gross output of more than ₹ 10 Crores, consume 95.62% of fixed capital, provide 88.25% of total employment and pay 94.20% of total emoluments. This group of factories contributes 97.96% of total output and 97.61% of total net value added.

Statement 16A: Principal Characteristics by Total Output

Total Output Range (₹ Lakhs)	Factories in Operation (Number)	Fixed Capital (₹ Lakhs)	Productive Capital (₹ Lakhs)	Invested Capital (₹ Lakhs)	Workers (Number)	Total Persons Engaged (Number)	Wages to Workers (₹ Lakhs)	Total Emoluments (₹ Lakhs)
Upto 25	19495	2915359	2969767	3234912	48918	87078	49562	113150
25 --- 50	7725	474375	682662	657661	58291	76354	51542	76709
50 -- 100	13909	2641141	3315058	3222591	187591	232569	168615	246221
100 -- 200	20118	2025163	3180139	3026619	324696	398747	357541	532627
200 -- 500	30663	5515499	8436123	8232592	547766	696612	802966	1332622
500 -- 1000	24011	6657542	9982835	10232026	634062	809364	1038953	1859186
1000 -- 2000	25270	11606346	19224148	18255506	1017401	1292756	1738685	3263878
2000 -- 5000	28825	23167914	38649999	37852295	1894029	2401190	3413449	6661340
5000 -- 10000	15840	24817511	41323717	39866881	1715325	2148916	3264973	6650528
10000 -- 50000	20046	83296617	131424163	134847366	4441571	5556208	9237555	19151513
50000 & above	7089	299291569	372946237	420704549	4650308	5889336	13474811	31759128
Total	**212990**	**462409035**	**632134848**	**680132999**	**15519957**	**19589131**	**33598653**	**71646903**

Total Output Range (₹ Lakhs)	Total Input (₹ Lakhs)	Total Output (₹ Lakhs)	Gross Value Added (₹ Lakhs)	Depreciation (₹ Lakhs)	Net Value Added (₹ Lakhs)	Rent Paid for Fixed Assets (₹ Lakhs)	Interest Paid (₹ Lakhs)
Upto 25	144937	104216	-40720	237550	-278270	1624	69685
25 --- 50	196905	284860	87954	36350	51604	1496	14677
50 -- 100	682976	1027770	344794	236137	108657	3879	48202
100 -- 200	2081495	2895678	814183	167581	646603	7470	206844
200 -- 500	7752527	9972184	2219657	458102	1761555	12210	323691
500 -- 1000	13586590	16959011	3372421	612264	2760157	17735	473553
1000 -- 2000	28497138	35003471	6506332	1062322	5444010	41249	896581
2000 -- 5000	70848107	85606774	14758668	2144648	12614020	47031	1966444
5000 -- 10000	81026577	96693958	15667381	2233169	13434212	46471	1999630
10000 -- 50000	278806631	333110239	54303608	7217366	47086242	104314	5639267
50000 & above	803259120	951058447	147799327	21113782	126685545	349919	10654764
Total	**1286883003**	**1532716609**	**245833605**	**35519270**	**210314335**	**633398**	**22293338**

Statement 16B: Principal Characteristics by Total Output
(Percentage Distribution)

Total Output (₹ Lakhs)	Factories in Operation	Fixed Capital	Productive Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers	Total Emoluments
Upto 25	9.15	0.63	0.47	0.48	0.32	0.44	0.15	0.16
25 --- 50	3.63	0.10	0.11	0.10	0.38	0.39	0.15	0.11
50 -- 100	6.53	0.57	0.52	0.47	1.21	1.19	0.50	0.34
100 -- 200	9.45	0.44	0.50	0.45	2.09	2.04	1.06	0.74
200 -- 500	14.40	1.19	1.33	1.21	3.53	3.56	2.39	1.86
500 -- 1000	11.27	1.44	1.58	1.50	4.09	4.13	3.09	2.59
1000 -- 2000	11.86	2.51	3.04	2.68	6.56	6.60	5.17	4.56
2000 -- 5000	13.53	5.01	6.11	5.57	12.20	12.26	10.16	9.30
5000 -- 10000	7.44	5.37	6.54	5.86	11.05	10.97	9.72	9.28
10000 -- 50000	9.41	18.01	20.79	19.83	28.62	28.36	27.49	26.73
50000 & above	3.33	64.72	59.00	61.86	29.96	30.06	40.11	44.33
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

Total Output (₹ Lakhs)	Total Input	Total Output	Gross Value Added	Depreciation	Net Value Added	Rent Paid for Fixed Assets	Interest Paid
Upto 25	0.01	0.01	-0.02	0.67	-0.13	0.26	0.31
25 --- 50	0.02	0.02	0.04	0.10	0.02	0.24	0.07
50 -- 100	0.05	0.07	0.14	0.66	0.05	0.61	0.22
100 -- 200	0.16	0.19	0.33	0.47	0.31	1.18	0.93
200 -- 500	0.60	0.65	0.90	1.29	0.84	1.93	1.45
500 -- 1000	1.06	1.11	1.37	1.72	1.31	2.80	2.12
1000 -- 2000	2.21	2.28	2.65	2.99	2.59	6.51	4.02
2000 -- 5000	5.51	5.59	6.00	6.04	6.00	7.43	8.82
5000 -- 10000	6.30	6.31	6.37	6.29	6.39	7.34	8.97
10000 -- 50000	21.67	21.73	22.09	20.32	22.39	16.47	25.30
50000 & above	62.42	62.05	60.12	59.44	60.24	55.24	47.79
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

10. *Distribution of Factories in Operation by Size of Net Value Added*

10.1 *Principal Characteristics*

10.1.1 Statement 17A sets out the distribution of factories along with related characteristics classified by net value added. These characteristics in percentage terms are given in Statement 17B. About 10.69% of the operating factories, each with less than ₹ 2.5 Lakhs of net value added, share about 9.97% of total fixed capital, provide gainful employment to 3.95% of total persons engaged of the factory sector, disburse 4.26% of the emoluments. These units, consuming about 5.18% of total input, are found to produce 4.08% of total output. On the other hand, about 15.39% of the operating factories, each contributing at least ₹ 10 Crores of net value added, possess 78.71% of the total fixed capital. They have 64.23% of total persons engaged, taking away 75.45% of the total emoluments and produce 78.65% of total output after consuming 76.66% of total input.

Statement 17A: Principal Characteristics by Net Value Added

NVA Range (₹ Lakhs)	Factories in Operation	Fixed Capital	Productive Capital	Invested Capital	Workers	Total Persons Engaged	Wages to Workers	Total Emoluments
	(Number)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(Number)	(Number)	(₹ Lakhs)	(₹ Lakhs)
Upto 2.5	22770	46124587	38400896	57268011	576590	774171	1371505	3053651
2.5 --- 5	3226	186743	286268	274021	11723	17379	10551	16758
5 ---- 10	7429	400870	774159	770735	33926	49071	34664	55338
10 ---- 20	13110	784826	1532400	1531577	90883	123715	98625	151311
20 ---- 50	33200	3202182	6190785	5821824	428054	547461	488969	756404
50 ----100	28732	5234994	9114108	9094846	582828	732554	755906	1249114
100----200	26611	7640752	12988589	14289275	782870	995597	1224529	2200314
200----500	29028	16864054	30394014	30048512	1502226	1900960	2576027	4812875
500----1000	16115	17996224	30280652	31574582	1494365	1866030	2730577	5292318
1000---5000	22168	65743716	104766099	107662021	3971955	4979637	8158082	16553870
5000 & above	10601	298230087	397406878	421797595	6044537	7602556	16149219	37504951
Total	**212990**	**462409035**	**632134848**	**680132999**	**15519957**	**19589131**	**33598653**	**71646903**

NVA Range (₹ Lakhs)	Total Input	Total Output	Gross Value Added	Depreciation	Net Value Added	Rent Paid for Fixed Assets	Interest Paid
	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)	(₹ Lakhs)
Upto 2.5	66633176	62495354	-4137822	3604566	-7742388	29748	1984113
2.5 --- 5	173088	195760	22673	10426	12246	91	6358
5 ---- 10	787557	879439	91882	36221	55661	571	17600
10 ---- 20	1949295	2209344	260049	65447	194602	1857	60043
20 ---- 50	10728658	12151913	1423254	299566	1123688	15621	231160
50 ----100	20374419	22856383	2481964	446733	2035231	12263	435786
100----200	38599107	43099091	4499984	775459	3724525	18928	758817
200----500	79276596	89672557	10395961	1664984	8730977	48737	1577166
500----1000	81806035	93690582	11884548	1711935	10172613	47795	1717589
1000---5000	244171763	287343837	43172074	5689526	37482548	94061	4538043
5000 & above	742383310	918122348	175739038	21214406	154524632	363726	10966663
Total	**1286883003**	**1532716609**	**245833605**	**35519270**	**210314335**	**633398**	**22293338**

Statement 17B: Principal Characteristics by Net Value Added
(Percentage Distribution)

NVA Range (₹ Lakhs)	*Factories in Operation*	*Fixed Capital*	*Productive Capital*	*Invested Capital*	*Workers*	*Total Persons Engaged*	*Wages to Workers*	*Total Emoluments*
Upto 2.5	10.69	9.97	6.07	8.42	3.72	3.95	4.08	4.26
2.5 --- 5	1.51	0.04	0.05	0.04	0.08	0.09	0.03	0.02
5 ---- 10	3.49	0.09	0.12	0.11	0.22	0.25	0.10	0.08
10 ---- 20	6.16	0.17	0.24	0.23	0.59	0.63	0.29	0.21
20 ---- 50	15.59	0.69	0.98	0.86	2.76	2.79	1.46	1.06
50 ----100	13.49	1.13	1.44	1.34	3.76	3.74	2.25	1.74
100----200	12.49	1.65	2.05	2.10	5.04	5.08	3.64	3.07
200----500	13.63	3.65	4.81	4.42	9.68	9.70	7.67	6.72
500----1000	7.57	3.89	4.79	4.64	9.63	9.53	8.13	7.39
1000---5000	10.41	14.22	16.57	15.83	25.59	25.42	24.28	23.10
5000 & above	4.98	64.49	62.87	62.02	38.95	38.81	48.07	52.35
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

NVA Range (₹ Lakhs)	*Total Input*	*Total Output*	*Gross Value Added*	*Depreciation*	*Net Value Added*	*Rent Paid for Fixed Assets*	*Interest Paid*
Upto 2.5	5.18	4.08	-1.68	10.15	-3.68	4.70	8.90
2.5 --- 5	0.01	0.01	0.01	0.03	0.01	0.01	0.03
5 ---- 10	0.06	0.06	0.04	0.10	0.03	0.09	0.08
10 ---- 20	0.15	0.14	0.11	0.18	0.09	0.29	0.27
20 ---- 50	0.83	0.79	0.58	0.84	0.53	2.47	1.04
50 ----100	1.58	1.49	1.01	1.26	0.97	1.94	1.95
100----200	3.00	2.81	1.83	2.18	1.77	2.99	3.40
200----500	6.16	5.85	4.23	4.69	4.15	7.69	7.07
500----1000	6.36	6.11	4.83	4.82	4.84	7.55	7.70
1000---5000	18.97	18.75	17.56	16.02	17.82	14.85	20.36
5000 & above	57.69	59.90	71.49	59.73	73.47	57.42	49.19
Total	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**	**100.00**

11. *Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT*

11.1 Statement 18 presents the share of major industries contributing at least 80% of total output within each of the Thirty-Six States/UTs. The ranking of major industries in a State/UT has been done according to the value of their output. The industries are ranked in the descending order of their output. Besides the output, the contribution of each of these industries to gross value added is also given.

11.2 From Statement 18, it is seen that at all-India level, it is Basic Metals (NIC: 24), that contributes to the total output by maximum (14.49%), whereas this industry is contributing to the highest proportion in respect to the total output in the states like Chattisgarh (64.88%), Jharkhand (68.49%), Odisha (61.32%), Rajasthan (17.19%) and West Bengal (29.72%).

11.3 The second contributing (13.23%) industry to the total output of India is Food Products (NIC: 10), which accounts for the highest share of output in the state of A&N Islands (60.55%), Andhra Pradesh (24.50%), Delhi (27.17%), Karnataka (14.80%), Madhya Pradesh (16.82%) and Uttar Pradesh (21.72%).

11.4 Coke and Refined Petroleum Products (NIC: 19), the third highest in ranking in proportionate share of total output, accounts for 12.18% of the total output at all India level, whereas this industry accounts for the highest value of total output in Five States namely, Assam (51.73%), Bihar (41.90%), Gujarat (23.70%), Kerala (41.76%) and Punjab (18.23%).

11.5 Motor Vehicles, Trailers and Semi-Trailers (NIC: 29) account for 8.46% of the total output at the all-India level, making it the fourth highest industry in terms of proportional share of total output. At the State/UT level, it holds the highest share of total output in Haryana (23.88%), Maharashtra (13.05%), Tamil Nadu (17.97%), and Uttarakhand (17.95%).

11.6 Chemicals and Chemical Products (NIC: 20) accounts for 8.09% of the all India output and is the fifth highest in proportional share of total output. State-wise, this industry group contributes maximum to the total output of Dadra & N Haveli & Daman & Diu (23.78%), Jammu & Kashmir (27.68%) and Puducherry (22.37%).

Statement 18: Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT
(Arranged in Descending Order of Total Output)

State/UT	NIC-2008	Description	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
A&N Islands		TOTAL	4421	100.00	676	100.00
		TOTAL OF BELOW INDUSTRIES	4421	100.00	676	100.00
	10	FOOD PRODUCTS	2677	60.55	297	43.93
		OTHER INDUSTRIES	1744	39.45	379	56.07
Andhra Pradesh		TOTAL	68362332	100.00	9885577	100.00
		TOTAL OF BELOW INDUSTRIES	55195371	80.73	7690871	77.80
	10	FOOD PRODUCTS	16748169	24.50	1362453	13.78
	24	BASIC METALS	8021374	11.73	577485	5.84
	19	COKE AND REFINED PETROLEUM PRODUCTS	7822540	11.44	356700	3.61
	20	CHEMICALS AND CHEMICAL PRODUCTS	5573169	8.15	1152695	11.66
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	5393324	7.89	1839541	18.61
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	5312812	7.77	585297	5.92
	23	OTHER NON-METALLIC MINERAL PRODUCTS	3865689	5.65	821679	8.31
	27	ELECTRICAL EQUIPMENT	2458294	3.60	995021	10.07
Arunachal Pradesh		TOTAL	157962	100.00	33249	100.00
		TOTAL OF BELOW INDUSTRIES	146499	92.74	29409	88.45
	11	BEVERAGES	62108	39.32	7948	23.90
	24	BASIC METALS	59931	37.94	16737	50.34
	10	FOOD PRODUCTS	24460	15.48	4724	14.21
Assam		TOTAL	12790916	100.00	2901973	100.00
		TOTAL OF BELOW INDUSTRIES	10671838	83.43	2297990	79.19
	19	COKE AND REFINED PETROLEUM PRODUCTS	6617231	51.73	1263472	43.54
	10	FOOD PRODUCTS	1823780	14.26	359496	12.39
	20	CHEMICALS AND CHEMICAL PRODUCTS	1238414	9.68	425657	14.67
	23	OTHER NON-METALLIC MINERAL PRODUCTS	992413	7.76	249365	8.59
Bihar		TOTAL	13159728	100.00	1595430	100.00
		TOTAL OF BELOW INDUSTRIES	10792090	82.01	1027823	64.42
	19	COKE AND REFINED PETROLEUM PRODUCTS	5513539	41.90	638186	40.00
	10	FOOD PRODUCTS	3252052	24.71	260375	16.32
	24	BASIC METALS	778509	5.92	724	0.05
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	663070	5.04	33738	2.11
	20	CHEMICALS AND CHEMICAL PRODUCTS	584920	4.44	94800	5.94

Statement 18: Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT
(Arranged in Descending Order of Total Output)

State/UT	NIC-2008	Description	Total Output (₹ Lakhs) Actual	Total Output Percentage	GVA (₹ Lakhs) Actual	GVA Percentage
Chandigarh		TOTAL	376591	100.00	83657	100.00
		TOTAL OF BELOW INDUSTRIES	301877	80.16	71009	84.87
	28	MACHINERY AND EQUIPMENT N.E.C.	77315	20.53	25820	30.86
	24	BASIC METALS	75909	20.16	13071	15.62
	OT	OTHER INDUSTRIES	75133	19.95	17455	20.86
	10	FOOD PRODUCTS	38968	10.35	2397	2.87
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	34552	9.17	12266	14.66
Chattisgarh		TOTAL	33436171	100.00	4348911	100.00
		TOTAL OF BELOW INDUSTRIES	28300744	84.64	3345620	76.93
	24	BASIC METALS	21692814	64.88	2734628	62.88
	10	FOOD PRODUCTS	4829835	14.44	378232	8.70
	OT	OTHER INDUSTRIES	1778095	5.32	232760	5.35
Dadra & N Haveli & Daman & Diu		TOTAL	22616246	100.00	3307236	100.00
		TOTAL OF BELOW INDUSTRIES	18186192	80.42	2306128	69.73
	20	CHEMICALS AND CHEMICAL PRODUCTS	5377924	23.78	705767	21.34
	27	ELECTRICAL EQUIPMENT	4211514	18.62	374403	11.32
	13	TEXTILES	3122290	13.81	608940	18.41
	22	RUBBER AND PLASTICS PRODUCTS	2779623	12.29	533796	16.14
	24	BASIC METALS	2694841	11.92	83222	2.52
Delhi		TOTAL	4356207	100.00	719157	100.00
		TOTAL OF BELOW INDUSTRIES	3550372	81.50	594798	82.71
	10	FOOD PRODUCTS	1183412	27.17	88805	12.35
	OT	OTHER INDUSTRIES	547542	12.57	134276	18.67
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	308848	7.09	33828	4.70
	14	WEARING APPAREL	304893	7.00	76041	10.57
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	254774	5.85	56134	7.81
	27	ELECTRICAL EQUIPMENT	206244	4.73	34591	4.81
	22	RUBBER AND PLASTICS PRODUCTS	200593	4.60	30070	4.18
	32	OTHER MANUFACTURING	187263	4.30	56203	7.82
	18	PRINTING AND REPRODUCTION OF RECORDED MEDIA	180167	4.14	34126	4.75
	28	MACHINERY AND EQUIPMENT N.E.C.	176636	4.05	50724	7.05

Statement 18: Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT
(Arranged in Descending Order of Total Output)

State/UT	NIC-2008	Description	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
Goa		TOTAL	6954174	100.00	1691959	100.00
		TOTAL OF BELOW INDUSTRIES	5791175	83.29	1419062	83.86
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	1744595	25.09	733276	43.34
	27	ELECTRICAL EQUIPMENT	857978	12.34	148023	8.75
	20	CHEMICALS AND CHEMICAL PRODUCTS	815539	11.73	135100	7.98
	24	BASIC METALS	793281	11.41	27924	1.65
	22	RUBBER AND PLASTICS PRODUCTS	459057	6.60	114782	6.78
	10	FOOD PRODUCTS	427513	6.15	106110	6.27
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	422023	6.07	108941	6.44
	28	MACHINERY AND EQUIPMENT N.E.C.	271189	3.90	44906	2.65
Gujarat		TOTAL	263949936	100.00	34920541	100.00
		TOTAL OF BELOW INDUSTRIES	212930111	80.67	26262330	75.21
	19	COKE AND REFINED PETROLEUM PRODUCTS	62568428	23.70	3902546	11.18
	20	CHEMICALS AND CHEMICAL PRODUCTS	39056075	14.80	6025740	17.26
	24	BASIC METALS	25344785	9.60	2878270	8.24
	10	FOOD PRODUCTS	24462003	9.27	1932040	5.53
	13	TEXTILES	14462645	5.48	2257579	6.46
	28	MACHINERY AND EQUIPMENT N.E.C.	13623197	5.16	3065462	8.78
	OT	OTHER INDUSTRIES	11633577	4.41	2332724	6.68
	22	RUBBER AND PLASTICS PRODUCTS	11425807	4.33	2059976	5.90
	23	OTHER NON-METALLIC MINERAL PRODUCTS	10353594	3.92	1807993	5.18
Haryana		TOTAL	110833060	100.00	15306213	100.00
		TOTAL OF BELOW INDUSTRIES	91695209	82.74	11631989	75.99
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	26462579	23.88	5080144	33.19
	10	FOOD PRODUCTS	20658031	18.64	1005614	6.57
	19	COKE AND REFINED PETROLEUM PRODUCTS	13221706	11.93	709031	4.63
	24	BASIC METALS	10344890	9.33	756665	4.94
	27	ELECTRICAL EQUIPMENT	5151411	4.65	953336	6.23
	28	MACHINERY AND EQUIPMENT N.E.C.	5018386	4.53	1075891	7.03
	30	OTHER TRANSPORT EQUIPMENT	4265607	3.85	907902	5.93
	13	TEXTILES	3337299	3.01	590253	3.86
	20	CHEMICALS AND CHEMICAL PRODUCTS	3235300	2.92	553153	3.61

Statement 18: Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT
(Arranged in Descending Order of Total Output)

State/UT	NIC-2008	Description	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
Himachal Pradesh		TOTAL	16370941	100.00	3956085	100.00
		TOTAL OF BELOW INDUSTRIES	13459713	82.19	3362523	84.99
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	4277998	26.13	1583303	40.02
	24	BASIC METALS	2241766	13.69	75906	1.92
	20	CHEMICALS AND CHEMICAL PRODUCTS	1778271	10.86	557192	14.08
	27	ELECTRICAL EQUIPMENT	1650857	10.08	235366	5.95
	10	FOOD PRODUCTS	871327	5.32	175259	4.43
	13	TEXTILES	858400	5.24	119191	3.01
	19	COKE AND REFINED PETROLEUM PRODUCTS	740021	4.52	65308	1.65
	OT	OTHER INDUSTRIES	529497	3.23	450454	11.39
	22	RUBBER AND PLASTICS PRODUCTS	511576	3.12	100544	2.54
Jammu and Kashmir		TOTAL	3988967	100.00	830366	100.00
		TOTAL OF BELOW INDUSTRIES	3253301	81.54	678520	81.72
	20	CHEMICALS AND CHEMICAL PRODUCTS	1104255	27.68	339713	40.91
	10	FOOD PRODUCTS	592904	14.86	45312	5.46
	24	BASIC METALS	557389	13.97	37114	4.47
	22	RUBBER AND PLASTICS PRODUCTS	539426	13.52	85823	10.34
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	313721	7.86	147357	17.75
	27	ELECTRICAL EQUIPMENT	145606	3.65	23201	2.79
Jharkhand		TOTAL	26163956	100.00	5472754	100.00
		TOTAL OF BELOW INDUSTRIES	21360814	81.64	4590444	83.87
	24	BASIC METALS	17920674	68.49	3844307	70.24
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	3440140	13.15	746137	13.63
Karnataka		TOTAL	98558291	100.00	18374703	100.00
		TOTAL OF BELOW INDUSTRIES	80048800	81.22	13488824	73.41
	10	FOOD PRODUCTS	14585541	14.80	1337791	7.28
	24	BASIC METALS	13961774	14.17	2607222	14.19
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	10775959	10.93	1588455	8.64
	19	COKE AND REFINED PETROLEUM PRODUCTS	9636829	9.78	880461	4.79
	27	ELECTRICAL EQUIPMENT	7320575	7.43	1293274	7.04
	28	MACHINERY AND EQUIPMENT N.E.C.	5655501	5.74	1406858	7.66
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	5296345	5.37	843650	4.59
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	3326906	3.38	1238806	6.74
	23	OTHER NON-METALLIC MINERAL PRODUCTS	3227028	3.27	918790	5.00
	30	OTHER TRANSPORT EQUIPMENT	3135037	3.18	622249	3.39
	20	CHEMICALS AND CHEMICAL PRODUCTS	3127305	3.17	751268	4.09

Statement 18: Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT
(Arranged in Descending Order of Total Output)

State/UT	NIC-2008	Description	Total Output (₹ Lakhs) Actual	Total Output Percentage	GVA (₹ Lakhs) Actual	GVA Percentage
Kerala		TOTAL	26418898	100.00	3971766	100.00
		TOTAL OF BELOW INDUSTRIES	21708003	82.17	2862470	72.07
	19	COKE AND REFINED PETROLEUM PRODUCTS	11032232	41.76	1407027	35.43
	10	FOOD PRODUCTS	5791902	21.92	637043	16.04
	20	CHEMICALS AND CHEMICAL PRODUCTS	1697346	6.42	369619	9.31
	22	RUBBER AND PLASTICS PRODUCTS	1314437	4.98	226971	5.71
	OT	OTHER INDUSTRIES	1054213	3.99	164052	4.13
	24	BASIC METALS	817873	3.10	57758	1.45
Ladakh		TOTAL	7356	100.00	727	100.00
		TOTAL OF BELOW INDUSTRIES	6402	87.03	467	64.24
	OT	OTHER INDUSTRIES	5331	72.47	90	12.38
	23	OTHER NON-METALLIC MINERAL PRODUCTS	1071	14.56	377	51.86
Lakshadweep		TOTAL	78	100.00	25	100.00
		TOTAL OF BELOW INDUSTRIES	78	100.00	25	100.00
	OT	OTHER INDUSTRIES	78	100.00	25	100.00
Madhya Pradesh		TOTAL	45167491	100.00	8266521	100.00
		TOTAL OF BELOW INDUSTRIES	36687757	81.23	6739465	81.53
	10	FOOD PRODUCTS	7597732	16.82	648562	7.85
	OT	OTHER INDUSTRIES	6100736	13.51	2279556	27.58
	19	COKE AND REFINED PETROLEUM PRODUCTS	4932939	10.92	691642	8.37
	20	CHEMICALS AND CHEMICAL PRODUCTS	4896216	10.84	604212	7.31
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	3276286	7.25	614554	7.43
	23	OTHER NON-METALLIC MINERAL PRODUCTS	2731405	6.05	766447	9.27
	24	BASIC METALS	2701069	5.98	301504	3.65
	13	TEXTILES	2274409	5.04	420238	5.08
	22	RUBBER AND PLASTICS PRODUCTS	2176965	4.82	412750	4.99
Maharashtra		TOTAL	221850214	100.00	39209738	100.00
		TOTAL OF BELOW INDUSTRIES	181538376	81.81	30528352	77.85
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	28946822	13.05	4986017	12.72
	24	BASIC METALS	27161852	12.24	3273935	8.35
	10	FOOD PRODUCTS	26643347	12.01	2938718	7.49
	20	CHEMICALS AND CHEMICAL PRODUCTS	19641592	8.85	3861039	9.85
	28	MACHINERY AND EQUIPMENT N.E.C.	18712866	8.43	4403265	11.23
	19	COKE AND REFINED PETROLEUM PRODUCTS	18377922	8.28	1474612	3.76
	27	ELECTRICAL EQUIPMENT	9803378	4.42	2203565	5.62
	22	RUBBER AND PLASTICS PRODUCTS	8784210	3.96	1805149	4.60
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	8188624	3.69	1750395	4.46
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	8014650	3.61	2901502	7.40
	32	OTHER MANUFACTURING	7263113	3.27	930155	2.37

Statement 18: Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT
(Arranged in Descending Order of Total Output)

State/UT	NIC-2008	Description	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
Manipur		TOTAL	53054	100.00	11067	100.00
		TOTAL OF BELOW INDUSTRIES	43141	81.31	8491	76.72
	23	OTHER NON-METALLIC MINERAL PRODUCTS	17722	33.40	5752	51.97
	10	FOOD PRODUCTS	16045	30.24	1661	15.01
	32	OTHER MANUFACTURING	9374	17.67	1078	9.74
Meghalaya		TOTAL	1154734	100.00	211517	100.00
		TOTAL OF BELOW INDUSTRIES	943309	81.69	178390	84.34
	23	OTHER NON-METALLIC MINERAL PRODUCTS	713022	61.75	156991	74.22
	24	BASIC METALS	230287	19.94	21399	10.12
Mizoram		TOTAL	8677	100.00	2337	100.00
		TOTAL OF BELOW INDUSTRIES	6951	80.11	1349	57.72
	OT	OTHER INDUSTRIES	4448	51.26	281	12.02
	10	FOOD PRODUCTS	1228	14.15	522	22.34
	23	OTHER NON-METALLIC MINERAL PRODUCTS	694	8.00	316	13.52
	14	WEARING APPAREL	581	6.70	230	9.84
Nagaland		TOTAL	57233	100.00	10617	100.00
		TOTAL OF BELOW INDUSTRIES	51345	89.72	7621	71.78
	16	WOOD AND PRODUCTS OF WOOD AND CORK, EXCEPT FURNITURE	20722	36.21	5404	50.90
	10	FOOD PRODUCTS	15971	27.91	1002	9.44
	OT	OTHER INDUSTRIES	14652	25.60	1215	11.44
Odisha		TOTAL	52278111	100.00	7867976	100.00
		TOTAL OF BELOW INDUSTRIES	41945114	80.23	6094507	77.46
	24	BASIC METALS	32059505	61.32	5286199	67.19
	19	COKE AND REFINED PETROLEUM PRODUCTS	9885609	18.91	808308	10.27
Puducherry		TOTAL	3896547	100.00	789107	100.00
		TOTAL OF BELOW INDUSTRIES	3282115	84.25	684580	86.76
	20	CHEMICALS AND CHEMICAL PRODUCTS	871536	22.37	364301	46.17
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	767470	19.70	39071	4.95
	22	RUBBER AND PLASTICS PRODUCTS	419951	10.78	62981	7.98
	24	BASIC METALS	278807	7.16	16249	2.06
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	257590	6.61	83770	10.62
	27	ELECTRICAL EQUIPMENT	246277	6.32	40184	5.09
	28	MACHINERY AND EQUIPMENT N.E.C.	234807	6.03	30113	3.82
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	205677	5.28	47911	6.07

Statement 18: Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT
(Arranged in Descending Order of Total Output)

State/UT	NIC-2008	Description	Total Output (₹ Lakhs) Actual	Total Output Percentage	GVA (₹ Lakhs) Actual	GVA Percentage
Punjab		TOTAL	40754266	100.00	6036580	100.00
		TOTAL OF BELOW INDUSTRIES	32958371	80.89	4345403	71.97
	19	COKE AND REFINED PETROLEUM PRODUCTS	7429223	18.23	732951	12.14
	10	FOOD PRODUCTS	6718668	16.49	765112	12.67
	24	BASIC METALS	5692145	13.97	381638	6.32
	13	TEXTILES	3385616	8.31	504749	8.36
	28	MACHINERY AND EQUIPMENT N.E.C.	3256109	7.99	794688	13.16
	20	CHEMICALS AND CHEMICAL PRODUCTS	1780424	4.37	270333	4.48
	14	WEARING APPAREL	1734620	4.26	387517	6.42
	30	OTHER TRANSPORT EQUIPMENT	1540227	3.78	261885	4.34
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	1421339	3.49	246530	4.08
Rajasthan		TOTAL	60798138	100.00	10197960	100.00
		TOTAL OF BELOW INDUSTRIES	48980892	80.55	7172629	70.33
	24	BASIC METALS	10452911	17.19	1092024	10.71
	10	FOOD PRODUCTS	8824672	14.51	487881	4.78
	23	OTHER NON-METALLIC MINERAL PRODUCTS	6434738	10.58	1650722	16.19
	20	CHEMICALS AND CHEMICAL PRODUCTS	5043276	8.30	697133	6.84
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	4419528	7.27	922928	9.05
	27	ELECTRICAL EQUIPMENT	4373814	7.19	519186	5.09
	13	TEXTILES	4177091	6.87	693969	6.80
	28	MACHINERY AND EQUIPMENT N.E.C.	3272446	5.38	680489	6.67
	22	RUBBER AND PLASTICS PRODUCTS	1982416	3.26	428297	4.20
Sikkim		TOTAL	3157423	100.00	1570532	100.00
		TOTAL OF BELOW INDUSTRIES	2618302	82.93	1363999	86.85
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	2618302	82.93	1363999	86.85
Tamil Nadu		TOTAL	154939545	100.00	25217514	100.00
		TOTAL OF BELOW INDUSTRIES	129272497	83.43	19252766	76.35
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	27846590	17.97	4669772	18.52
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	15111738	9.75	1149019	4.56
	28	MACHINERY AND EQUIPMENT N.E.C.	13736632	8.87	2724456	10.80
	10	FOOD PRODUCTS	13035796	8.41	1565159	6.21
	13	TEXTILES	10676568	6.89	1764690	7.00
	19	COKE AND REFINED PETROLEUM PRODUCTS	8408512	5.43	725613	2.88
	24	BASIC METALS	7444552	4.80	874276	3.47
	14	WEARING APPAREL	7422496	4.79	1790565	7.10
	32	OTHER MANUFACTURING	7290988	4.71	840746	3.33
	22	RUBBER AND PLASTICS PRODUCTS	6380432	4.12	1359704	5.39
	27	ELECTRICAL EQUIPMENT	5994481	3.87	948240	3.76
	20	CHEMICALS AND CHEMICAL PRODUCTS	5923712	3.82	840526	3.33

Statement 18: Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT
(Arranged in Descending Order of Total Output)

State/UT	NIC-2008	Description	Total Output (₹ Lakhs) Actual	Total Output Percentage	GVA (₹ Lakhs) Actual	GVA Percentage
Telangana		TOTAL	40986416	100.00	8198868	100.00
		TOTAL OF BELOW INDUSTRIES	32998157	80.51	6326819	77.16
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	7924593	19.33	2445188	29.82
	10	FOOD PRODUCTS	5684252	13.87	578449	7.06
	24	BASIC METALS	3435358	8.38	270676	3.30
	22	RUBBER AND PLASTICS PRODUCTS	3008499	7.34	524473	6.40
	27	ELECTRICAL EQUIPMENT	2996840	7.31	546637	6.67
	23	OTHER NON-METALLIC MINERAL PRODUCTS	2514469	6.13	499686	6.09
	20	CHEMICALS AND CHEMICAL PRODUCTS	2226284	5.43	467757	5.71
	01	COTTON GINNING, CLEANING AND BAILING (01632); SEED PROCESSING FOR PROPAGATION (01640)	2047321	5.00	335723	4.09
	17	PAPER AND PAPER PRODUCTS	1588706	3.88	384102	4.68
	25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	1571835	3.84	274128	3.34
Tripura		TOTAL	232642	100.00	44843	100.00
		TOTAL OF BELOW INDUSTRIES	194383	83.55	36976	82.45
	22	RUBBER AND PLASTICS PRODUCTS	70788	30.43	5553	12.38
	10	FOOD PRODUCTS	59869	25.73	11132	24.82
	23	OTHER NON-METALLIC MINERAL PRODUCTS	47046	20.22	17617	39.29
	OT	OTHER INDUSTRIES	16680	7.17	2674	5.96
Uttar Pradesh		TOTAL	110235849	100.00	16715688	100.00
		TOTAL OF BELOW INDUSTRIES	90919260	82.49	12288736	73.52
	10	FOOD PRODUCTS	23938249	21.72	2086271	12.48
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	15953891	14.47	2005310	12.00
	20	CHEMICALS AND CHEMICAL PRODUCTS	8989513	8.15	1211764	7.25
	19	COKE AND REFINED PETROLEUM PRODUCTS	7420316	6.73	522673	3.13
	24	BASIC METALS	6956990	6.31	752588	4.50
	OT	OTHER INDUSTRIES	5715856	5.19	1105625	6.61
	27	ELECTRICAL EQUIPMENT	5154252	4.68	725612	4.34
	22	RUBBER AND PLASTICS PRODUCTS	3893698	3.53	736599	4.41
	28	MACHINERY AND EQUIPMENT N.E.C.	3722100	3.38	881856	5.28
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	3297382	2.99	919628	5.50
	14	WEARING APPAREL	3070900	2.79	776805	4.65
	11	BEVERAGES	2806113	2.55	564005	3.37

Statement 18: Share of Major Industries contributing at least 80% in terms of Total Output within each State/UT
(Arranged in Descending Order of Total Output)

State/UT	NIC-2008	Description	Total Output (₹ Lakhs) Actual	Total Output Percentage	GVA (₹ Lakhs) Actual	GVA Percentage
Uttarakhand		TOTAL	28088026	100.00	6166416	100.00
		TOTAL OF BELOW INDUSTRIES	23323433	83.04	5081897	82.41
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	5040512	17.95	1069697	17.35
	30	OTHER TRANSPORT EQUIPMENT	2806418	9.99	632233	10.25
	20	CHEMICALS AND CHEMICAL PRODUCTS	2529851	9.01	799795	12.97
	27	ELECTRICAL EQUIPMENT	2232067	7.95	492377	7.98
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	2211366	7.87	571185	9.26
	22	RUBBER AND PLASTICS PRODUCTS	1959914	6.98	371622	6.03
	24	BASIC METALS	1811667	6.45	259647	4.21
	10	FOOD PRODUCTS	1638421	5.83	299535	4.86
	17	PAPER AND PAPER PRODUCTS	1576726	5.61	201801	3.27
	28	MACHINERY AND EQUIPMENT N.E.C.	1516491	5.40	384005	6.23
West Bengal		TOTAL	60552013	100.00	7915319	100.00
		TOTAL OF BELOW INDUSTRIES	49764411	82.19	5723316	72.32
	24	BASIC METALS	17994096	29.72	2120151	26.79
	19	COKE AND REFINED PETROLEUM PRODUCTS	9730634	16.07	756806	9.56
	10	FOOD PRODUCTS	9391768	15.51	750261	9.48
	20	CHEMICALS AND CHEMICAL PRODUCTS	5071805	8.38	712861	9.01
	27	ELECTRICAL EQUIPMENT	2332389	3.85	292759	3.70
	13	TEXTILES	2143009	3.54	466788	5.90
	22	RUBBER AND PLASTICS PRODUCTS	1580549	2.61	268343	3.39
	28	MACHINERY AND EQUIPMENT N.E.C.	1520161	2.51	355347	4.49
All India		TOTAL	1532716609	100.00	245833605	100.00
		TOTAL OF BELOW INDUSTRIES	1276100614	83.25	191668266	77.97
	24	BASIC METALS	222144598	14.49	28423673	11.56
	10	FOOD PRODUCTS	202831001	13.23	18184184	7.40
	19	COKE AND REFINED PETROLEUM PRODUCTS	186757666	12.18	15368160	6.25
	29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	129597915	8.46	22393329	9.11
	20	CHEMICALS AND CHEMICAL PRODUCTS	123971097	8.09	21646433	8.81
	28	MACHINERY AND EQUIPMENT N.E.C.	76789578	5.01	17090617	6.95
	27	ELECTRICAL EQUIPMENT	65676879	4.29	11682552	4.75
	13	TEXTILES	56081792	3.66	9570290	3.89
	22	RUBBER AND PLASTICS PRODUCTS	55554171	3.62	10740018	4.37
	23	OTHER NON-METALLIC MINERAL PRODUCTS	52451179	3.42	11861888	4.83
	26	COMPUTER, ELECTRONIC AND OPTICAL PRODUCTS	52393750	3.42	6915404	2.81
	21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	51850988	3.38	17791718	7.24

12. *Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry*

12.1 Statement 19 gives the shares of major States/UTs contributing at least 80% of the total output within the major industry divisions of manufacturing sector. Within each such industry division, States/UTs have been ranked based on their relative contributions to the total output of that industry. From Statement 19, it is clearly seen that, in Cotton Ginning, Cleaning, Bailing (01632) and Seed Processing for Propagation (01640) (NIC: 01), Maharashtra, Gujarat and Telangana are the top three important contributors to the total output. These three States together accounted for 73.21% of the total output for the industry. Maharashtra, Gujarat and Uttar Pradesh are the top contributors in the Food industry (NIC: 10) by contributing 37.00% of total output of that industry. In the case of Coke and Refined Petroleum Products (NIC: 19), Gujarat, Maharashtra and Haryana are the top three contributors to total output, accounting for 50.42% taken together. The major contributors for Chemicals and Chemical Products (NIC: 20) are Gujarat, Maharashtra and Uttar Pradesh and these States accounted 54.59% of total output of that industry. In Basic Metals (NIC: 24), the major States are Odisha, Maharashtra and Gujarat by capturing 38.07% of total output of that industry. In Motor Vehicles, Trailers and Semi-Trailers (NIC: 29) industry, the top three States are Maharashtra, Tamil Nadu and Haryana capturing 64.25% of the total output in that industry.

Statement 19: Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry (Arranged in Descending Order of Total Output)

Industry Code(NIC-2008)	Description	State/UT	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
01	COTTON GINNING,CLEANING AND BAILING (01632); SEED PROCESSING FOR PROPAGATION (01640)	All India	12653189	100.00	922195	100.00
		TOTAL OF BELOW STATE/UTs	10192623	80.56	688261	74.63
		Maharashtra	3894361	30.78	244618	26.53
		Gujarat	3321221	26.25	81822	8.87
		Telangana	2047321	16.18	335723	36.40
		Madhya Pradesh	929720	7.35	26098	2.83
08	SALT PRODUCTION BY EVAPORATION OF SEA WATER OR OTHER SALINE WATERS (08932)	All India	308130	100.00	77642	100.00
		TOTAL OF BELOW STATE/UTs	307160	99.69	77035	99.22
		Gujarat	179070	58.12	64056	82.50
		Tamil Nadu	128090	41.57	12979	16.72
10	FOOD PRODUCTS	All India	202831001	100.00	18184184	100.00
		TOTAL OF BELOW STATE/UTs	165885308	81.79	14114750	77.62
		Maharashtra	26643347	13.14	2938718	16.16
		Gujarat	24462003	12.06	1932040	10.62
		Uttar Pradesh	23938249	11.80	2086271	11.47
		Haryana	20658031	10.18	1005614	5.53
		Andhra Pradesh	16748169	8.26	1362453	7.49
		Karnataka	14585541	7.19	1337791	7.36
		Tamil Nadu	13035796	6.43	1565159	8.61
		West Bengal	9391768	4.63	750261	4.13
		Rajasthan	8824672	4.35	487881	2.68
		Madhya Pradesh	7597732	3.75	648562	3.57
11	BEVERAGES	All India	15672638	100.00	3481834	100.00
		TOTAL OF BELOW STATE/UTs	12809172	81.72	2920493	83.88
		Uttar Pradesh	2806113	17.90	564005	16.20
		Maharashtra	2465214	15.73	732802	21.05
		Punjab	1337219	8.53	278551	8.00
		Gujarat	976741	6.23	163669	4.70
		Karnataka	945431	6.03	282681	8.12
		Rajasthan	785724	5.01	156993	4.51
		Andhra Pradesh	765820	4.89	173856	4.99
		Tamil Nadu	728448	4.65	96480	2.77
		Haryana	680613	4.34	159519	4.58
		Telangana	660604	4.22	143575	4.12
		West Bengal	657245	4.19	168362	4.84

Statement 19: Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry (Arranged in Descending Order of Total Output)

Industry Code(NIC-2008)	Description	State/UT	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
12	TOBACCO PRODUCTS	All India	5589357	100.00	2242329	100.00
		TOTAL OF BELOW STATE/UTs	4599681	82.29	1891363	84.35
		Karnataka	1228562	21.98	656788	29.29
		Uttar Pradesh	1090645	19.51	511186	22.80
		Andhra Pradesh	623051	11.15	63490	2.83
		Maharashtra	520647	9.31	302396	13.49
		Gujarat	385606	6.90	113085	5.04
		Telangana	381758	6.83	193918	8.65
		West Bengal	369412	6.61	50500	2.25
13	TEXTILES	All India	56081792	100.00	9570290	100.00
		TOTAL OF BELOW STATE/UTs	45137353	80.50	7537218	78.75
		Gujarat	14462645	25.79	2257579	23.59
		Tamil Nadu	10676568	19.04	1764690	18.44
		Maharashtra	5975844	10.66	1117038	11.67
		Rajasthan	4177091	7.45	693969	7.25
		Punjab	3385616	6.04	504749	5.27
		Haryana	3337299	5.95	590253	6.17
		Dadra & N Haveli & Daman & Diu	3122290	5.57	608940	6.36
14	WEARING APPAREL	All India	22067563	100.00	5787484	100.00
		TOTAL OF BELOW STATE/UTs	18192695	82.45	4815501	83.21
		Tamil Nadu	7422496	33.64	1790565	30.94
		Uttar Pradesh	3070900	13.92	776805	13.42
		Karnataka	3019116	13.68	1041646	18.00
		Haryana	1817702	8.24	544697	9.41
		Punjab	1734620	7.86	387517	6.70
		Maharashtra	1127861	5.11	274271	4.74
15	LEATHER AND RELATED PRODUCTS	All India	7363062	100.00	1751023	100.00
		TOTAL OF BELOW STATE/UTs	5891617	80.02	1437703	82.11
		Tamil Nadu	1854151	25.18	511881	29.23
		Uttar Pradesh	1768609	24.02	393729	22.49
		Haryana	1137519	15.45	255087	14.57
		West Bengal	725035	9.85	179134	10.23
		Karnataka	406303	5.52	97872	5.59

Statement 19: Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry (Arranged in Descending Order of Total Output)

Industry Code(NIC-2008)	Description	State/UT	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
16	WOOD AND PRODUCTS OF WOOD AND CORK,EXCEPT FURNITURE; ARTICLES OF STRAW AND PLAITING MATERIALS	All India	5184354	100.00	786633	100.00
		TOTAL OF BELOW STATE/UTs	4365921	84.21	628203	79.85
		Gujarat	960188	18.52	82458	10.48
		Kerala	593246	11.44	58596	7.45
		West Bengal	574376	11.08	111789	14.21
		Haryana	470740	9.08	62946	8.00
		Maharashtra	429431	8.28	79554	10.11
		Uttar Pradesh	396979	7.66	62940	8.00
		Uttarakhand	343255	6.62	72223	9.18
		Tamil Nadu	300537	5.80	58718	7.46
		Andhra Pradesh	297169	5.73	38979	4.96
17	PAPER AND PAPER PRODUCTS	All India	22993576	100.00	4049163	100.00
		TOTAL OF BELOW STATE/UTs	19019746	82.72	3299493	81.50
		Gujarat	3998302	17.39	516925	12.77
		Maharashtra	2633285	11.45	576848	14.25
		Uttar Pradesh	2555045	11.11	382926	9.46
		Tamil Nadu	2077576	9.04	418773	10.34
		Karnataka	1711529	7.44	272025	6.72
		Telangana	1588706	6.91	384102	9.49
		Uttarakhand	1576726	6.86	201801	4.98
		Andhra Pradesh	1149093	5.00	165206	4.08
		Punjab	987122	4.29	217742	5.38
		Haryana	742362	3.23	163145	4.03
18	PRINTING AND REPRODUCTION OF RECORDED MEDIA	All India	5000924	100.00	1291321	100.00
		TOTAL OF BELOW STATE/UTs	4164558	83.26	1081013	83.72
		Maharashtra	936778	18.73	251753	19.50
		Uttar Pradesh	837387	16.74	208487	16.15
		Haryana	587520	11.75	91606	7.09
		Tamil Nadu	437644	8.75	120176	9.31
		Gujarat	389588	7.79	107451	8.32
		Karnataka	356162	7.12	92863	7.19
		Telangana	243537	4.87	70502	5.46
		Kerala	194199	3.88	77569	6.01
		Rajasthan	181743	3.63	60606	4.69

Statement 19: Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry (Arranged in Descending Order of Total Output)

Industry Code(NIC-2008)	Description	State/UT	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
19	COKE AND REFINED PETROLEUM PRODUCTS	All India	186757666	100.00	15368160	100.00
		TOTAL OF BELOW STATE/UTs	150684412	80.68	11021104	71.71
		Gujarat	62568428	33.50	3902546	25.39
		Maharashtra	18377922	9.84	1474612	9.60
		Haryana	13221706	7.08	709031	4.61
		Kerala	11032232	5.91	1407027	9.16
		Odisha	9885609	5.29	808308	5.26
		West Bengal	9730634	5.21	756806	4.92
		Karnataka	9636829	5.16	880461	5.73
		Tamil Nadu	8408512	4.50	725613	4.72
		Andhra Pradesh	7822540	4.19	356700	2.32
20	CHEMICALS AND CHEMICAL PRODUCTS	All India	123971097	100.00	21646433	100.00
		TOTAL OF BELOW STATE/UTs	99573282	80.32	15811737	73.05
		Gujarat	39056075	31.50	6025740	27.84
		Maharashtra	19641592	15.84	3861039	17.84
		Uttar Pradesh	8989513	7.25	1211764	5.60
		Tamil Nadu	5923712	4.78	840526	3.88
		Andhra Pradesh	5573169	4.50	1152695	5.33
		Dadra & N Haveli & Daman & Diu	5377924	4.34	705767	3.26
		West Bengal	5071805	4.09	712861	3.29
		Rajasthan	5043276	4.07	697133	3.22
		Madhya Pradesh	4896216	3.95	604212	2.79
21	PHARMACEUTICALS, MEDICINAL CHEMICAL AND BOTANICAL PRODUCTS	All India	51850988	100.00	17791718	100.00
		TOTAL OF BELOW STATE/UTs	42197325	81.38	14683263	82.53
		Gujarat	8430186	16.26	2739739	15.40
		Maharashtra	8014650	15.46	2901502	16.31
		Telangana	7924593	15.28	2445188	13.74
		Andhra Pradesh	5393324	10.40	1839541	10.34
		Himachal Pradesh	4277998	8.25	1583303	8.90
		Karnataka	3326906	6.42	1238806	6.96
		Sikkim	2618302	5.05	1363999	7.67
		Uttarakhand	2211366	4.26	571185	3.21

Statement 19: Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry (Arranged in Descending Order of Total Output)

Industry Code(NIC-2008)	Description	State/UT	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
22	RUBBER AND PLASTICS PRODUCTS	All India	55554171	100.00	10740018	100.00
		TOTAL OF BELOW STATE/UTs	45367083	81.67	8795850	81.89
		Gujarat	11425807	20.57	2059976	19.18
		Maharashtra	8784210	15.81	1805149	16.81
		Tamil Nadu	6380432	11.49	1359704	12.66
		Uttar Pradesh	3893698	7.01	736599	6.86
		Telangana	3008499	5.42	524473	4.88
		Dadra & N Haveli & Daman & Diu	2779623	5.00	533796	4.97
		Karnataka	2641179	4.75	493349	4.59
		Haryana	2294254	4.13	441757	4.11
		Madhya Pradesh	2176965	3.92	412750	3.84
		Rajasthan	1982416	3.57	428297	3.99
23	OTHER NON-METALLIC MINERAL PRODUCTS	All India	52451179	100.00	11861888	100.00
		TOTAL OF BELOW STATE/UTs	41990921	80.06	9325929	78.63
		Gujarat	10353594	19.74	1807993	15.24
		Rajasthan	6434738	12.27	1650722	13.92
		Maharashtra	4288010	8.18	1004429	8.47
		Tamil Nadu	3902538	7.44	931794	7.86
		Andhra Pradesh	3865689	7.37	821679	6.93
		Karnataka	3227028	6.15	918790	7.75
		Madhya Pradesh	2731405	5.21	766447	6.46
		Uttar Pradesh	2688019	5.12	523325	4.41
		Telangana	2514469	4.79	499686	4.21
		Odisha	1985431	3.79	401064	3.38
24	BASIC METALS	All India	222144598	100.00	28423673	100.00
		TOTAL OF BELOW STATE/UTs	184954675	83.27	25170886	88.56
		Odisha	32059505	14.43	5286199	18.6
		Maharashtra	27161852	12.23	3273935	11.52
		Gujarat	25344785	11.41	2878270	10.13
		Chattisgarh	21692814	9.77	2734628	9.62
		West Bengal	17994096	8.1	2120151	7.46
		Jharkhand	17920674	8.07	3844307	13.53
		Karnataka	13961774	6.28	2607222	9.17
		Rajasthan	10452911	4.71	1092024	3.84
		Haryana	10344890	4.66	756665	2.66
		Andhra Pradesh	8021374	3.61	577485	2.03

Statement 19: Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry (Arranged in Descending Order of Total Output)

Industry Code(NIC-2008)	Description	State/UT	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
25	FABRICATED METAL PRODUCTS, EXCEPT MACHINERY AND EQUIPMENT	All India	38348301	100.00	7032032	100.00
		TOTAL OF BELOW STATE/UTs	32003680	83.46	6175712	87.83
		Maharashtra	8188624	21.35	1750395	24.89
		Gujarat	5110979	13.33	899178	12.79
		Tamil Nadu	4782102	12.47	940181	13.37
		Haryana	2882469	7.52	534525	7.6
		Uttar Pradesh	2633533	6.87	400685	5.7
		Karnataka	2618155	6.83	588495	8.37
		Telangana	1571835	4.1	274128	3.9
		Rajasthan	1458336	3.8	325857	4.63
		Punjab	1421339	3.71	246530	3.51
		West Bengal	1336308	3.48	215738	3.07
26	COMPUTER,ELECTRONIC AND OPTICAL PRODUCTS	All India	52393750	100.00	6915404	100.00
		TOTAL OF BELOW STATE/UTs	42259955	80.66	5133915	74.25
		Uttar Pradesh	15953891	30.45	2005310	29.00
		Tamil Nadu	15111738	28.84	1149019	16.62
		Maharashtra	5897981	11.26	1135936	16.43
		Karnataka	5296345	10.11	843650	12.20
27	ELECTRICAL EQUIPMENT	All India	65676879	100.00	11682552	100.00
		TOTAL OF BELOW STATE/UTs	54671415	83.24	9807875	83.95
		Maharashtra	9803378	14.93	2203565	18.86
		Karnataka	7320575	11.15	1293274	11.07
		Gujarat	7206856	10.97	1248601	10.69
		Tamil Nadu	5994481	9.13	948240	8.12
		Uttar Pradesh	5154252	7.85	725612	6.21
		Haryana	5151411	7.84	953336	8.16
		Rajasthan	4373814	6.66	519186	4.44
		Dadra & N Haveli & Daman & Diu	4211514	6.41	374403	3.20
		Telangana	2996840	4.56	546637	4.68
		Andhra Pradesh	2458294	3.74	995021	8.52

Statement 19: Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry (Arranged in Descending Order of Total Output)

Industry Code(NIC-2008)	Description	State/UT	Total Output (₹ Lakhs) Actual	Total Output Percentage	GVA (₹ Lakhs) Actual	GVA Percentage
28	MACHINERY AND EQUIPMENT N.E.C.	All India	76789578	100.00	17090617	100.00
		TOTAL OF BELOW STATE/UTs	63741128	83.01	14238277	83.31
		Maharashtra	18712866	24.37	4403265	25.76
		Tamil Nadu	13736632	17.89	2724456	15.94
		Gujarat	13623197	17.74	3065462	17.94
		Karnataka	5655501	7.36	1406858	8.23
		Haryana	5018386	6.54	1075891	6.30
		Uttar Pradesh	3722100	4.85	881856	5.16
		Rajasthan	3272446	4.26	680489	3.98
29	MOTOR VEHICLES, TRAILERS AND SEMI-TRAILERS	All India	129597915	100.00	22393329	100.00
		TOTAL OF BELOW STATE/UTs	107198232	82.72	17554622	78.39
		Maharashtra	28946822	22.34	4986017	22.27
		Tamil Nadu	27846590	21.49	4669772	20.85
		Haryana	26462579	20.42	5080144	22.69
		Karnataka	10775959	8.31	1588455	7.09
		Gujarat	7853470	6.06	644937	2.88
		Andhra Pradesh	5312812	4.10	585297	2.61
30	OTHER TRANSPORT EQUIPMENT	All India	33102351	100.00	7331821	100.00
		TOTAL OF BELOW STATE/UTs	27365375	82.67	6017209	82.07
		Maharashtra	6971563	21.06	1491374	20.34
		Tamil Nadu	5584383	16.87	1306369	17.82
		Haryana	4265607	12.89	907902	12.38
		Karnataka	3135037	9.47	622249	8.49
		Uttarakhand	2806418	8.48	632233	8.62
		Uttar Pradesh	1622488	4.90	588654	8.03
		Punjab	1540227	4.65	261885	3.57
		West Bengal	1439652	4.35	206543	2.82
31	FURNITURE	All India	4524526	100.00	972833	100.00
		TOTAL OF BELOW STATE/UTs	3811660	84.25	802024	82.45
		Karnataka	805785	17.81	212061	21.80
		Rajasthan	747281	16.52	160585	16.51
		Maharashtra	578299	12.78	118547	12.19
		Uttar Pradesh	542860	12.00	106137	10.91
		Tamil Nadu	400778	8.86	82249	8.45
		Madhya Pradesh	259761	5.74	32316	3.32
		Gujarat	244872	5.41	51837	5.33
		Telangana	232024	5.13	38292	3.94

Statement 19: Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry (Arranged in Descending Order of Total Output)

Industry Code(NIC-2008)	Description	State/UT	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
32	OTHER MANUFACTURING	All India	34065248	100.00	5119608	100.00
		TOTAL OF BELOW STATE/UTs	28211174	82.81	4246532	82.94
		Gujarat	8396906	24.65	1226211	23.95
		Tamil Nadu	7290988	21.40	840746	16.42
		Maharashtra	7263113	21.32	930155	18.17
		Haryana	2244555	6.59	380962	7.44
		Uttar Pradesh	1736624	5.10	537139	10.49
		Rajasthan	1278988	3.75	331319	6.47
33	REPAIR AND INSTALLATION OF MACHINERY AND EQUIPMENT	All India	1417131	100.00	504281	100.00
		TOTAL OF BELOW STATE/UTs	1196812	84.45	426527	84.58
		Maharashtra	348351	24.58	152410	30.22
		Rajasthan	224332	15.83	88061	17.46
		Telangana	179166	12.64	53540	10.62
		Tamil Nadu	116453	8.22	32351	6.42
		Uttar Pradesh	107284	7.57	22287	4.42
		Madhya Pradesh	78149	5.51	10127	2.01
		Andhra Pradesh	72930	5.15	43134	8.55
		West Bengal	70147	4.95	24617	4.88
38	WASTE COLLECTION,TREATMENT AND DISPOSAL ACTIVITIES; MATERIALS RECOVERY	All India	1910188	100.00	325528	100.00
		TOTAL OF BELOW STATE/UTs	1530889	80.14	213932	65.72
		Gujarat	892759	46.74	83147	25.54
		Tamil Nadu	156263	8.18	29370	9.02
		Maharashtra	136652	7.15	32093	9.86
		Telangana	119927	6.28	37797	11.61
		Uttar Pradesh	119783	6.27	16625	5.11
		Andhra Pradesh	105505	5.52	14900	4.58

Statement 19: Share of Major States/UTs contributing at least 80% in terms of Total Output within each Industry (Arranged in Descending Order of Total Output)

Industry Code(NIC-2008)	Description	State/UT	Total Output		GVA	
			(₹ Lakhs)			
			Actual	Percentage	Actual	Percentage
58	PUBLISHING ACTIVITIES	All India	848134	100.00	295274	100.00
		TOTAL OF BELOW STATE/UTs	701034	82.66	251386	85.13
		Uttar Pradesh	159190	18.77	54006	18.29
		Tamil Nadu	108257	12.76	65909	22.32
		Telangana	96505	11.38	18130	6.14
		Gujarat	79016	9.32	23906	8.10
		Karnataka	71351	8.41	28891	9.78
		Kerala	70253	8.28	25952	8.79
		Andhra Pradesh	65527	7.73	20914	7.08
		West Bengal	50935	6.01	13678	4.63
	ALL INDUSTRIES	All India	1532716609	100.00	245833605	100.00
		TOTAL OF BELOW STATE/UTs	1247524980	81.39	193877750	78.86
		Gujarat	263949936	17.22	34920541	14.20
		Maharashtra	221850214	14.47	39209738	15.95
		Tamil Nadu	154939545	10.11	25217514	10.26
		Haryana	110833060	7.23	15306213	6.23
		Uttar Pradesh	110235849	7.19	16715688	6.80
		Karnataka	98558291	6.43	18374703	7.47
		Andhra Pradesh	68362332	4.46	9885577	4.02
		Rajasthan	60798138	3.97	10197960	4.15
		West Bengal	60552013	3.95	7915319	3.22
		Odisha	52278111	3.41	7867976	3.20
		Madhya Pradesh	45167491	2.95	8266521	3.36

रजिस्ट्री सं॰ डी॰ एल॰—(एन)04/0007/2003—09 REGISTERED NO. DL—(N)04/0007/2003—09

भारत का राजपत्र
The Gazette of India

असाधारण
EXTRAORDINARY
भाग II — खण्ड 1
PART II — Section 1
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं॰ 8] नई दिल्ली, शुक्रवार, जनवरी 9, 2009/पौष 19, 1930
No. 8] NEW DELHI, FRIDAY, JANUARY 9, 2009 / PAUSA 19, 1930

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

MINISTRY OF LAW AND JUSTICE

(Legislative Department)

New Delhi, the 9th January, 2009/*Pausa* 19, 1930 *(Saka)*

The following Act of Parliament received the assent of the President on the 7th January, 2009, and is hereby published for general information:—

THE COLLECTION OF STATISTICS ACT, 2008

No. 7 OF 2009

[*7th January,* 2009.]

An Act to facilitate the collection of statistics on economic, demographic, social, scientific and environmental aspects, and for matters connected therewith or incidental thereto.

BE it enacted by Parliament in the Fifty-ninth Year of the Republic of India as follows:—

CHAPTER I

PRELIMINARY

1. (*1*) This Act may be called the Collection of Statistics Act, 2008. Short title, extent and commencement.

(*2*) It extends to the whole of India except the State of Jammu and Kashmir.

(*3*) It shall come into force on such date as the Central Government may, by notification in the Official Gazette, appoint.

2. In this Act, unless the context otherwise requires,— Definitions.

(*a*) "agency" includes a person or persons engaged by the appropriate Government, directly or by outsourcing, for collection of statistics;

(*b*) "appropriate Government" means—

(*i*) any Ministry or Department in the Central Government; or (*ii*) any Ministry or Department in a State Government or Union territory Administration; or

(*iii*) any local government that is to say, Panchayats or Municipalities, as the case may be,

in relation to the collection of statistics under a direction issued by it under section 3;

(*c*) "informant" means any person, who supplies or is required to supply statistical information and includes a owner or occupier or person in-charge or his authorised representative in respect of persons or a firm registered under the Indian Partnership Act, 1932 or a co-operative society registered under any Co-operative Societies Act or a company registered under the Companies Act, 1956 or a society registered under the Societies Registration Act, 1860 or any association recognised or registered under any law for the time being in force;

9 of 1932.
1 of 1956.
21 of 1860.

(*d*) "information schedule" means any book, document, form, card, tape, disc or any storage media on which information required is entered or recorded or is required to be entered or recorded for statistical purposes under this Act;

(*e*) "prescribed" means prescribed by rules made under this Act;

(*f*) "sampling" means a statistical procedure by which information relating to a particular field of inquiry is derived by applying statistical techniques to information obtained in respect of a proportion of the total number of persons or units concerned relevant to the field of inquiry;

(*g*) "statistical survey" means a census or a survey, whereby information is collected from all the informants in the field of inquiry or from a sample thereof, by an appropriate Government under this Act or any other relevant Act, wholly or primarily for the purposes of processing and summarising by appropriate statistical procedures;

(*h*) "statistics" means statistics derived by collecting, classifying and using statistics, specially in or for large quantities or numbers by appropriate Government from statistical surveys, administrative and registration records, and other forms and papers, the statistical analysis of which are, whether in a published or unpublished form;

(*i*) "statistics officer" means any officer appointed under section 4 for the purposes of any direction issued under section 3 of this Act.

CHAPTER II

COLLECTION OF STATISTICS

Collection of statistics.

3. The appropriate Government may, by notification in the Official Gazette, direct that the statistics on economic, demographic, social, scientific and environmental aspects shall be collected through a statistical survey or otherwise, and thereupon the provisions of this Act shall apply in relation to those statistics:

Provided that—

(*a*) nothing contained in this section shall be deemed to authorise a State Government or Union territory Administration or any local government to issue any direction with respect to the collection of statistics relating to any matter falling under any of the entries specified in List I (Union List) in the Seventh Schedule to the Constitution; or

(*b*) where the Central Government has issued any direction under this section for the collection of statistics relating to any matter, no State Government or Union territory Administration or any local government shall, except with the previous approval of the Central Government, issue any similar direction for so long as the collection of such statistics by the Central Government remain to be completed; or

(c) where a State Government or Union territory Administration or any local government has issued a direction under this section for the collection of statistics relating to any matter, the Central Government shall not issue any similar direction for so long as the collection of such statistics by the State Government remain to be completed, except in cases where such statistics have to be collected with reference to two or more States or Union territories.

Powers of appropriate Government to appoint statistics officer, etc.

4. (1) The appropriate Government may appoint or cause to appoint an officer to be the statistics officer for any geographical unit for the purpose of collecting any statistics directed by it.

(2) The appropriate Government may appoint any agency or persons working in such agencies to take, or aid in, or supervise the collection of the statistics within any specified geographical unit and such agencies or persons, when so appointed, shall be bound to serve accordingly.

(3) The appropriate Government may employ on contract basis any agency or company or organisation or association or person, on such terms and conditions and on such safeguards as may be prescribed, for the purpose of collecting the statistics directed by it.

(4) The appropriate Government may delegate to any statistics officer, as it thinks fit, the power of appointing agencies or persons working in such agencies or employing on contract basis any agency or company or organisation or association of persons, conferred on it by sub-sections (2) and (3) within the geographical unit for which such statistics officer is appointed.

(5) The appropriate Government may, by order specify the form, the particulars required or the interval within which, and the statistics officer to whom, the statistical information by the informants shall be furnished.

(6) The appropriate Government may, by order published in the Official Gazette, delegate to any statistics officer, as it thinks fit, any power conferred under sub-section (5) for the purpose of the collection of statistics under a direction issued by it under section 3.

Power of statistics officer to call for information.

5. The statistics officer may, for the purpose of collection of statistics on any specified subject in any geographical unit for which the said officer was appointed—

(a) serve or cause to be served on any informant a notice in writing asking him to furnish the information specified under sub-section (5) of section 4 or cause a information schedule to be given to any informant for the purpose of its being filled up; or

(b) cause all questions relating to the subject to be asked from any informant; or

(c) seek information through tele fax or telephone or e-mail or in any other electronic mode or in a combination of different modes for different sets of information so specified.

Duty of informants.

6. The informants who are asked to furnish any information under the provisions of this Act shall be bound to furnish the information so asked in the prescribed manner to the best of knowledge or belief; and in cases where only a portion of a particular class or group of persons or units is asked to furnish information because of any sampling procedure, it shall not be a defence in failure on the part of any informant to furnish that information, if so asked.

All agencies to assist.

7. Every agency shall render such help and assistance and furnish such information to the statistics officer or a person or an agency authorised by him in writing, as he may require for the discharge of his functions, and shall make available for inspection and examination of such records, plans and other documents, as may be necessary.

Right of access to records or documents.

8. The statistics officer or any person authorised by him in writing in this behalf shall, for the purposes of collection of any statistics under this Act, have access to any relevant record or document in the possession of any informant required to furnish any information under this Act, and may enter at any reasonable time any premises where he believes such record or document is kept and may inspect or take copies of relevant records or documents or ask any question necessary for obtaining any information required to be furnished under this Act.

CHAPTER III

DISCLOSURE OF INFORMATION IN CERTAIN CASES AND RESTRICTIONS OF THEIR USE

Security of information.

9. (*1*) Any information furnished to the statistics officer or to any person or agencies authorised under this Act shall only be used for statistical purposes.

(*2*) No person other than a person engaged in the work of collection of statistics under this Act or preparation of statistics resultant to such collection shall be permitted to see any information schedule or any answer to a question asked, except for the purposes of a prosecution under this Act.

(*3*) No information contained in any information schedule and no answer to any question asked shall, except for the purposes of a prosecution under this Act, be separately published, or disclosed without suppressing the identification of informants to any agency.

(*4*) All statistical information published by any agency shall be arranged in such a manner so as to prevent any particulars becoming identifiable by any person (other than the informant by whom those particulars were supplied) as the particulars relating to the informant who supplied it, even through the process of elimination, unless—

(*a*) that informant has consented to their publication in that manner; or

(*b*) their publication in that manner could not reasonably have been foreseen by the concerned agency or any employee thereof.

(*5*) For the purposes of sub-section (*4*), the Central Government may make such rules or make such arrangement, as it may consider necessary.

Appropriate Government authorised to disclose certain information.

10. Notwithstanding the provisions contained in section 9 of this Act, the appropriate Government may disclose the following information, namely:—

(*a*) information supplied by informant in respect of which disclosure is consented to in writing by the informant or by any person authorised by the said informant;

(*b*) information otherwise available to the public under any Act or as a public document;

(*c*) information in the form of an index or list of the names and addresses of informants together with the classification, if any, allotted to them and the number of persons engaged.

Disclosure of information schedules for *bona fide* research or statistical purposes.

11. (*1*) Notwithstanding the provisions contained in section 9 of this Act, the appropriate Government may disclose individual returns or formats or information schedules to other agency or person or institutions or universities solely for *bona fide* research or statistical purposes pursuant to their functions and duties.

(*2*) No individual return or information schedule shall be disclosed pursuant to this section unless —

(*a*) the name and address of the informant by whom the schedule or related information was supplied is deleted;

(*b*) every agency or person or institutions or Universities involved in the research or statistical project makes a declaration to use the schedules disclosed to them only for *bona fide* research or statistical purposes; and

(*c*) the appropriate Government, making such disclosure is satisfied that the security of the schedules and any information contained therein shall not be impaired.

(*3*) The published results of any research or statistical project shall not divulge any more information than what the agency authorised for collection of statistics could publish under this Act.

(*4*) Every agency or person or institutions or universities to whom any individual return or information schedule is disclosed under this section shall comply with directions given by the agency authorised for collection of statistics making the disclosure relating to the schedules and any information contained therein.

Disclosure of historical documents.

12. Notwithstanding anything contained in section 9 of this Act, the appropriate Government may release such documents relating to information schedules, which in its opinion have attained historical importance.

Security of recorded information.

13. The statistics officer or any person or agency authorised for collection of statistics shall, while copying or recording any statistical information collected pursuant to this Act from individual returns, information schedules, worksheets or any other confidential source by means of cards, tapes, discs, film or any other method, whether using encoded or plain language symbols for processing, storage or reproduction of particulars, take and cause to take such steps as are necessary to ensure that the security provisions of this Act are complied with.

Restrictions on use of information.

14. Save as otherwise provided under this Act,—

(*a*) no information obtained pursuant to this Act and no copy of the information in the possession of any informant shall be disclosed or used as evidence in any proceedings whatsoever; and

(*b*) no person who has access to any information because of his official position in the collection of any statistics shall be compelled in any proceedings whatsoever to give oral testimony regarding the information or to produce any schedule, document, or record with respect to any information obtained in the course of administering this Act,

except in the manner provided under this Act.

CHAPTER IV

OFFENCES AND PENALTIES

Penalty for neglect or refusal to supply particulars

15. (*1*) Whoever, fails to produce any books of accounts, vouchers, documents or other business records or whoever neglects or refuses to fill in and supply the particulars required in any information schedule or return given or sent to him or whoever neglects or refuses to answer any question or inquiry addressed to him as may be required under or for the purposes of any provision of this Act and the rules made thereunder, shall be punishable with a fine which may extend to one thousand rupees or, in the case of a company, with a fine which may extend to five thousand rupees.

(*2*) The conviction of a person or company for an offence shall not relieve him or it of the obligations under sub-section (*1*) and if after the expiry of fourteen days from the date of conviction, he or it still fails to give the required particulars or continues to neglect or refuses to fill in and supply the particulars or to answer the question or inquiry, then he or it shall be punishable with a further fine which may extend to one thousand rupees or, in the case of a company, with a fine which may extend to five thousand rupees, for each day after the first during which the failure continues.

Penalty for making false statement.

16. Whoever, wilfully makes any false or misleading statement or material omission in any information schedule or return filled in or supplied, or in answer to any question asked to him under this Act or the rules made thereunder, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to one thousand rupees or, in the case of a company, with a fine which may extend to five thousand rupees or with both.

Penalty for mutilation or defacement of information schedule.

17. Whoever, destroys, defaces, removes, or mutilates any information schedule, form, or other document containing particulars collected under this Act or requesting any such particulars, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company with a fine which may extend to ten thousand rupees or with both.

Penalty for obstruction of employees.

18. Whoever, interferes with, hinders, or obstructs any employee in the exercise of any power or duty conferred by this Act, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company with a fine which may extend to ten thousand rupees or with both.

Penalty for other offences.

19. Whoever—

(*a*) acts in contravention of or fails to comply with any provision of this Act or any requirement imposed under this Act; or

(*b*) wilfully deceives or attempts to deceive any statistics officer or any agency or any employee thereof,

shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company, with a fine which may extend to ten thousand rupees or with both.

Penalty for failure to carry out duties and functions by employees.

20. If any person employed in the execution of any duty or functions under this Act,—

(*a*) omits without lawful excuse to carry out his duty, or knowingly makes any false declaration, statement or return; or

(*b*) pretends performance of his duties or obtains or seeks to obtain information which he is not authorised to obtain; or

(*c*) fails to keep inviolate the secrecy of the information gathered or entered in the information schedules collected pursuant to this Act and, except as permitted under this Act, divulges the contents of any schedule filled in or any information furnished by any informant under this Act,

shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company, with a fine which may extend to ten thousand rupees or with both.

Penalty for impersonation of employee.

21. Whoever, not being authorised to collect statistics under the provisions of this Act, by words, conduct or demeanor pretends that he is authorised to do so, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company, with a fine which may extend to ten thousand rupees or with both.

General penalty.

22. Whoever, commits an offence under this Act for which no penalty is prescribed elsewhere than in this section, shall be punishable with simple imprisonment for a term which may extend to six months or with a fine which may extend to two thousand rupees or, in the case of a company, with a fine which may extend to ten thousand rupees or with both.

23. (*1*) Where an offence under this Act has been committed by a company, every person who at the time the offence was committed was in charge of, and was responsible to, the company for the conduct of the business of the company, as well as the company, shall be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly: Offences by companies.

Provided that nothing contained in this sub-section shall render any such person liable to any punishment provided in this Act, if he proves that the offence was committed without his knowledge or that he had exercised all due diligence to prevent the commission of such offence.

(*2*) Notwithstanding anything contained in sub-section (*1*), where an offence under this Act has been committed by a company and it is proved that the offence has been committed with the consent or connivance of, or is attributable to, any neglect on the part of any director, manager, secretary or other officer of the company, such director, manager, secretary or other officer shall also be deemed to be guilty of the offence and shall be liable to be proceeded against and punished accordingly.

Explanation.—For the purpose of this section—

(*a*) "company" means any body corporate and includes a firm or other association of individuals; and

(*b*) "Director", in relation to a firm, means a partner in the firm.

24. No court shall take cognizance of any offence under this Act except on a complaint made by the appropriate Government or an officer authorised in this behalf by such appropriate Government or, as the case may be, the statistics officer, and no court inferior to that of a Metropolitan Magistrate or a Judicial Magistrate of the first class shall try any offence punishable under this Act. Cognizance of offences.

25. No prosecution for an offence committed by any informant shall be instituted except by or with the sanction of the statistics officer, and no prosecution for an offence committed by persons other than informants shall be instituted except by or with the consent of the appropriate Government. Sanction for prosecution for offence.

2 of 1974. **26.** Notwithstanding anything contained in the Code of Criminal Procedure, 1973, all offences under this Act shall be tried in a summary way by a Judicial Magistrate of the first class or by a Metropolitan Magistrate and the provisions of sections 262 to 265 (both inclusive) of the said Code shall, as far as may be, apply to such trial: Power of court to try cases summarily.

Provided that when in the course of, a summary trial under this section it appears to the Magistrate that the nature of the case is such that it is, for any reason, undesirable to try the case summarily, the Magistrate shall after hearing the parties, record an order to that effect and thereafter recall any witness who may have been examined and proceed to hear or rehear the case in the manner provided by the said Code.

CHAPTER V

POWER IN RESPECT OF CORE STATISTICS

27. Without prejudice to the provisions contained in this Act, the Central Government may, by notification in the Official Gazette, declare from time to time any subject for the collection of statistics of national importance as 'core statistics' and make such arrangement, as it may consider necessary, for regulating the collection and dissemination of statistics on the subject so declared. Power in respect of core statistics.

CHAPTER VI

MISCELLANEOUS

28. The Central Government may give directions to any State Government or Union territory Administration or to any local government that is to say Panchayats or Municipalities, as to the carrying into execution of this Act in the State or Union territory or Panchayats or Municipalities, as the case may be. Power to give directions.

29. Any statistics officer and any person authorised for the collection of statistics or preparation of official statistics under the provisions of this Act shall be deemed to be a public servant within the meaning of section 21 of the Indian Penal Code, 1860. Public servants. 45 of 1860.

Bar of jurisdiction.

30. No civil court shall have jurisdiction to entertain any suit or proceeding in respect of any matter which the appropriate Government or the statistics officer or the agency is empowered by or under this Act to determine, and no injunction shall be granted by any court or other authority in respect of any action taken or to be taken in pursuance of any power conferred by or under this Act.

Protection of action taken in good faith.

31. No suit or other legal proceedings shall lie against the appropriate Government or agency or any statistics officer or other officers or employees in respect of anything which is in good faith done or intended to be done in pursuance of this Act or the rules or directions issued thereunder.

Overriding effect.

32. The provisions of this Act shall have effect notwithstanding anything inconsistent therewith contained in any other law for the time being in force except in relation to the conduct of human population census as per the directions, if any, issued under the Census Act, 1948. 37 of 1948.

Power to make rules.

33. (*1*) The Central Government may, by notification in the Official Gazette, make rules for carrying out the provisions of this Act.

(*2*) In particular, and without prejudice to the generality of the foregoing power, the Central Government may make rules under this section for all or any of the following matters, namely:—

(*a*) principles for coordinating as effectively as possible to achieve the objectives of section 3 including nomination and registration of statistics officers by the Central Government and also to avoid unnecessary duplication in the collection of statistics;

(*b*) the terms, conditions and safeguards under which any person or agency or company or organisation or association may be engaged by the appropriate Government for the purpose of collection of statistics under sub-section (*3*) of section 4;

(*c*) principles for prescribing the form and manner in which the information may be required to be furnished;

(*d*) principles for prescribing the manner in which the right of access to documents and the right of entry conferred by section 8 may be exercised; and

(*e*) any other matter which is to be or may be prescribed under this Act.

(*3*) Every rule made by the Central Government under this Act shall be laid, as soon as may be after it is made, before each House of Parliament, while it is in session, for a total period of thirty days which may be comprised in one session or in two or more successive sessions, and if, before the expiry of the session immediately following the session or the successive sessions aforesaid, both Houses agree in making any modification in the rule or both Houses agree that the rule should not be made, the rule shall thereafter have effect only in such modified form or be of no effect, as the case may be; so, however, that any such modification or annulment shall be without prejudice to the validity of anything previously done under that rule.

Repeal and savings.

34. (*1*) The Collection of Statistics Act, 1953 is hereby repealed. 32 of 1953.

(*2*) Notwithstanding such repeal, anything done or any action taken under the said Act shall be deemed to have been done or taken under the corresponding provisions of this Act.

(*3*) All rules made under the said Act shall continue to be in force and operate till new rules are made under this Act.

T. K. VISWANATHAN,
Secy. to the Govt. of India.

PRINTED BY THE GENERAL MANAGER, GOVT. OF INDIA PRESS, MINTO ROAD, NEW DELHI AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 2009.

GMGIPMRND—86GI—10-01-2009.

MINISTRY OF STATISTICS AND PROGRAMME IMPLEMENTATION

NOTIFICATION

New Delhi, the 16th May, 2011

G.S.R. 387(E).— In exercise of the powers conferred by section 33 of the Collection of Statistics Act, 2008 (7 of 2009), the Central Government hereby makes the following rules, namely:-

COLLECTION OF STATISTICS RULES, 2011

1. Short title and commencement: (1) These rules may be called the Collection of Statistics Rules, 2011.

(2) They shall come into force on the date of their publication in the Official Gazette.

2. Definitions: (1) In these rules, unless the context otherwise requires –

(a) 'Act' means the Collection of Statistics Act, 2008;
(b) "Form" means a form appended to these rules;
(c) 'nodal officer' means an officer designated as nodal officer under rule 3 of these rules;
(d) "personal information" means any information, whether true or not, and whether recorded in a material form or not, about an informant whose identity can reasonably be ascertained from such information;
(e) "reference period" means the time period over which the data collected reflects the characteristics of the units of enumeration;
(f) "State Government", in relation to a Union territory, means the Administration thereof; and
(g) "outsourcing" means making use of the services of a private service provider for the purposes of these rules.

(2) Words and expressions used but not defined herein shall have the meanings respectively assigned to them in the Act.

3. Nodal officer. – (1) The Central Government shall designate an officer not below the rank of a Joint Secretary to the Government of India in a nodal Department dealing with statistical matters, as the nodal officer for exercising powers and performing duties under these rules.

(2) Every State Government shall designate an officer not below the rank of a Deputy Secretary to the State Government in a nodal Department dealing with statistical matters, as the nodal officer for exercising powers and performing duties under these rules.

4. Powers and duties of nodal officer. - (1) The nodal officer designated by the Central Government under sub-rule (1) of rule 3 shall –

(a) maintain and update register of statistics officers appointed by the Central Government;

(b) obtain and maintain, from time to time, information on availability of statistics including unit-level data, whether collected under the provisions of the Act or not, with different Departments of the Central Government and nodal officers in the States;

(c) advise the Departments of the Central Government and the nodal officers in the States on steps to improve the statistical potential of administrative records to avoid conducting separate statistical surveys to collect statistics contained or purported to be contained in such administrative records;

(d) issue instructions from time to time on promoting the sharing of statistical information including unit-level data among different Departments of the Central Government and States to avoid unnecessary duplication of programmes of collection of statistics and resolve disputes or differences of opinion, if any, among them on the issue; and

(e) submit annual report to the Central Government on the working.

(2) The nodal officer designated by the State Government under sub-rule (2) of rule 3 shall –

(a) maintain and update a register of statistics officers appointed from time to time in the State;

(b) obtain and maintain from time to time information on availability of statistics including unit-level data, whether collected under the provisions of the Act or not, with different Government Departments and local governments in the State;

(c) advise the Departments of the State Government and local governments in the State on steps to improve the statistical potential of administrative records to avoid conducting separate statistical surveys to collect statistics contained or purported to be contained in such administrative records;

1736 GI/11-9

(d) issue instructions from time to time on promoting the sharing of statistical information including unit-level data among Departments of the State Government and local governments in the State to avoid unnecessary duplication of programmes of collection of statistics and resolve disputes or differences of opinion, if any, among them on the issue; and

(e) obtain reports, as may be required, on the working of this Act from Government Departments and local governments in the State and submit annual reports on the working of this Act in the State to the nodal officer appointed by the Central Government.

5. Direction on collection of statistics.- (1) Any Department in a State Government or any local government in a State shall, before making a direction under section 3 of the Act for collection of statistics on any subject for any reference period in any geographical unit under its jurisdiction, consult the nodal officer in the State to avoid unnecessary duplication in collection of statistics.

(2) Any Department of the Central Government shall, before making a direction under section 3 of the Act for collection of statistics on any subject for any reference period in any geographical unit under its jurisdiction, consult the nodal officer of the Central Government to avoid unnecessary duplication in collection of statistics.

(3) The nodal officer shall, on receipt of any request under sub-rule (1) or sub-rule (2), as the case may be, within a period of one month render such advice as may be necessary to the concerned office to avoid unnecessary duplication in collection of statistics.

(4) The appropriate Government on receipt of advice under sub-rule (3) shall communicate to the nodal officer, the reasons in all cases of disagreement with such advice, at least fifteen days prior to issuing notification under section 3 of the Act.

(5) Every notification under section 3 of the Act shall contain the following particulars, namely: -

(a) subject and purpose for collection of statistics;
(b) geographical area for collection of statistics;
(c) method of data collection;
(d) nature of informants from whom data may be collected;
(e) period during which collection of statistics may be completed;
(f) reference period;
(g) nature of information to be collected;
(h) language in which information is to be furnished by informant;
(i) obligation of informant;

(j) nature of business records and other records which may be inspected; and
(k) the manner of inspection.

(6) A copy of every notification referred in sub-rule (5) shall be forwarded to the nodal officer of the Central Government and the nodal officer of the State concerned.

6. Principles for prescribing information schedules. - In respect of prescribing any information schedule for collection of statistics on any subject, the appropriate Government or a statistics officer, as the case may be, shall satisfy itself that –

(i) it has authority to direct collection of statistics on the subject under the Act subject to the restrictions given in the proviso to section 3 of the Act;
(ii) it has, for the purpose of finalising items on which information is to be collected, consulted the nodal officer to include the requirements of other Government Departments;
(iii) excessive demands would not be placed on the informants by making the direction and for the purpose field testing of information schedules has been carried out where necessary;
(iv) the range and detail in the information schedules specified for collection of statistics on any subject shall be limited to what is absolutely necessary;
(v) the reporting burden shall be spread as widely as possible over informant populations through appropriate sampling;
(vi) the information sought from business shall, as far as possible, be readily available from their accounts and electronic means are used where possible to facilitate their collection;
(vii) best estimates and approximations on any item of information sought shall be accepted when exact details are not readily available with any informant;
(viii) each information schedule used for collecting statistics from any informant has, where necessary, a provision for particulars on which information may be furnished at the discretion of the informant;
(ix) provision is made in each information schedule for filling up the details and appending the signature of the person concerned who would be engaged in the collection of statistics;
(x) indicate in each information schedule, for general information of informants prior to collection of statistics from them under the Act, its plan, if any, to disclose any information collected from them which in the opinion of the appropriate Government is otherwise available to the public under any other Act or as a public document or which is in the form of an index or list of the names and addresses of informants together with the classification, if any, allotted to them and the number of persons engaged; and

(xi) make a provision in each information schedule to obtain written consent from each informant whose information other than the information covered in clause (x), it proposes to disclose.

7. Appointment of statistics officers. - (1) Every notification under section 4 of the Act appointing the statistics officer shall contain the following particulars, namely: -

(a) name, designation and address of the officer appointed as statistics officer for each geographical unit for collection of statistics;
(b) details of any agency or company or organisation or association or person engaged for collection of statistics, and, terms and conditions of engagement and safeguards laid down for the purpose;
(c) the form and the particulars required or the interval within which, and the statistics officer to whom, the statistical information by the informants shall be furnished; and
(d) the powers, if any, delegated under sub-sections (4) or (6) of section 4 the Act to any statistics officer.

(2) Every statistics officer, immediately on his appointment, shall submit an undertaking in Form-I to the appropriate Government.

8. Registration of statistics officers. - The appropriate Government shall maintain a record of statistics officers in respect of their appointment, their terms and geographical areas for which they have been appointed, in Form-II.

9. Powers and functions of a statistics officer. - A statistics officer, appointed for the purposes of collection of statistics on any subject in any geographical unit, shall –

(i) take, aid in and supervise the collection of statistics;
(ii) cause agencies to be appointed or engaged for collection of statistics;
(iii) obtain undertaking from all the persons engaged in the collection of statistics in Form-I and forward them to the appropriate Government or to an officer authorised for the purpose by that Government;
(iv) devise or cause to devise relevant information schedules and the mode or modes of collection of statistics;
(v) allot or cause to allot work of collection of statistics in his jurisdiction to different persons and agencies engaged for the purpose;
(vi) provide all the relevant material to be distributed to agencies engaged and arrange for their training for facilitating collection of statistics;
(vii) cause to provide necessary publicity for collection of statistics at an appropriate time;
(viii) coordinate the work of all agencies during the period of collection of statistics and maintain liaison with local authorities for smooth conduct of the collection of statistics;

(ix) cause notices to informants for furnishing information issued under his signature, where necessary and cause acknowledgements received from such informants, to be kept in safe custody;

(x) take steps, in case of statistical surveys having the same set of informants with different reference periods, to issue only one notice to each informant indicating therein the information required to be furnished and the reference periods for which the information is required;

(xi) cause entry of persons authorsied by him in writing and carrying a photo-identity card issued by him into any premises of any informant for collection of statistics;

(xii) cause necessary assistance provided to informants requiring such assistance for furnishing the information sought;

(xiii) cause access to any informant to the information collected from that informant for facilitating intimation of corrections or amendments on any inaccurate information;

(xiv) cause verification of information furnished by any informant;

(xv) based on complaints or otherwise, take action against erring persons and others in accordance with the provisions of the Act and these rules;

(xvi) obtain from the agencies engaged in the collection of statistics, all the information schedules, all the undertakings obtained from persons engaged in collection of statistics, all other relevant records and documents on completion of their work and forward them with a certificate to that effect to the appropriate Government or to any officer authorised by that Government;

(xvii) carry out such other tasks as may be necessary for the successful collection of statistics; and

(xviii) submit periodical reports as may be specified by the appropriate Government.

10. Assistance in collection of statistics. - (1) Every Department of the Central Government or the State Government or the local governments shall furnish within such time and in such form as required, the list of informants and other information which is available with them, relevant for conducting any statistical survey under these rules to a statistics officer or any agency or person authorised by the appropriate Government upon receipt of a notice to that effect.

(2) The appropriate Government or a statistics officer, as the case may be, may write to any Department of the Central Government or the State Government or any local government specifying the nature of assistance required for collection of statistics under the Act and upon receipt of such communication, the latter shall comply with the requirement to the extent feasible.

(3) In cases of collection of statistics in disturbed areas, the police, the para-military and the armed forces shall provide such assistance as would be required by the concerned statistics officer.

1736 GI/11-5 6

11. Duty to furnish information. - Subject to the provisions of section 6 of the Act,

(1) every informant shall, on demand, produce or give a copy of any books of accounts, vouchers, documents, or other business records or personal records or documents in his possession relevant to collection of statistics under the Act to any statistics officer or any person authorised by him in writing and carrying a photo-identity card issued by him, and the statistics officer or the authorised person, as the case may be, may take a copy or extract of such record or document; and

(2) the head of every family shall be responsible to furnish or cause to furnish the correct details of name and number of members, other particulars, records and documents, as may be required, of the family of which he is the head including dependants:

proyided that in so far as inmates of institutions, such as orphanages, old age homes, and mental asylums are concerned, the responsibility for providing or causing to provide the requisite details, records and documents shall lie with the head of the Institution.

12. General terms, conditions and safeguards for outsourcing. - Every contract or arrangement for collection of statistics under the Act by any person or agency or company or organisation or association shall be subject to the following terms, conditions, and safeguards, namely: -

(a) outsourcing arrangements shall be subject to a formal and comprehensive written contract;
(b) functions which are to be decided and enforced by the appropriate government under the Act shall not be outsourced;
(c) appropriate Government or a statistics officer authorised for the purpose by that Government shall have a right, of information and conduct or order on-site inspections in an outsourcing service provider's premises or place of work and right to cancel contract in case of unsatisfactory performance;
(d) every agency, engaged in collection of statistics, shall render such help and assistance and furnish such information to the statistics officer or a person or an agency authorised by him in writing, as he may require for the discharge of his functions, and shall make available for inspection and examination such records, plans and other documents, as may be necessary;
(e) persons engaged by any agency for collection of statistics, are made aware of the agency's obligations, and they shall submit a written undertaking in Form-I to the concerned statistics officer not to access, use, disclose or retain personal information except in performing their duties of employment or contractual obligations; and are informed that failure to comply with the provisions of the Act and these rules may be an offence rendering themselves for punishment as per the provisions of the Act;

(f) each person engaged in any activity relating to the collection of statistics shall be bound by the provisions of the Act and these rules, the violation of which shall render him punishable as per the provisions of the Act;

(g) provisions relating to disclosure of information and restrictions of their use under sections 9, 10, 11, 12, 13 and 14 of the Act and these rules shall have effect during the period of collection of statistics provided in the contract and shall continue to have effect even after the termination or completion of the contract, as the case may be;

(h) the appropriate Government or any statistics officer on receipt of any complaint shall immediately communicate the agency engaged in collection of statistics of only those details of the complaint, as may be necessary to minimize any breach or prevent further breaches of the agreement or failure to comply with any of the provisions of the Act or these rules;

(i) if any agency engaged in collection of statistics receives any complaint from any informant, it shall immediately communicate the complaint to the appropriate Government or the concerned statistics officer, as may be required;

(j) the appropriate Government or the statistics officer may, on receipt of any communication under clauses (h) or (i), give directions, as may be necessary, to the agency; and

(k) the statistics officer and every person engaged in the collection of statistics shall, on completion of their work, handover all the records and documents and furnish a certificate to that effect to the appropriate Government or to an officer authorised for the purpose by that Government.

13. Restrictions on use of personal information. - Each agency engaged in collection of statistics shall take all reasonable measures to ensure that -

(a) personal information is protected against unauthorised access, disclosure or other misuse;

(b) the agency uses personal information only for the purpose of fulfilling its obligations under a specified contract;

(c) in case of repetitive statistical surveys with a common set of informants, the agency uses the personal information earlier collected only for the purpose of setting up interviews with or otherwise contacting informants; and

(d) the agency uses personal information for data processing only with adequate security checks.

14. Right of entry into any premises of informants. - A statistics officer or any person authorised by him in writing and carrying a photo-identity card issued by the statistics officer, shall, during the period of collection of statistics for the purpose of collection of statistics under the Act or for inspection and examination of records, and documents in connection with it, during 10.00 hrs to 17.00 hrs on any day or at a time mutually convenient to both the parties have the right to enter the premises of any informant in the portion of the premises normally entered by visitors or guests or as suggested by the informant.

1736 GI/11-6

15. Processing of complaints - (1) In cases of alleged offences committed by any informant as per provisions of the Act, any statistics officer, after making such inquiries as deemed fit, may cause a notice issued to the informant in writing to show cause within a reasonable period to be specified in the notice as to why prosecution under the Act shall not be sanctioned for committing the alleged offence.

(2) A statistics officer shall consider the explanation, if any, furnished by the informant in pursuance to the notice issued under sub-rule (1), and after satisfying himself, for reasons to be recorded in writing, sanction for institution of prosecution of the informant.

(3) In case of any alleged offences committed by any person other than an informant, the appropriate Government may, after making such inquiries as deemed fit, cause a notice issued to the person in writing to show cause within a reasonable period to be specified in the notice as to why prosecution under the Act shall not be sanctioned for committing the alleged offence.

(4) The appropriate Government may, if it considers necessary, send a copy of the show-cause notice issued under sub-rule (3) of this rule and the explanation, if any, received from the alleged offender to the concerned statistics officer and obtain his recommendation on it, and after considering the explanation of the alleged offender and recommendation of statistics.

16. Storage of data and records. - Subject to the provisions of section 13 of the Act, the appropriate Government or an officer authorised by that Government shall, provide details by which any informant could access his own information for facilitating intimation of corrections or amendments on any inaccurate information, store the statistics collected under the provisions of the Act in such a manner as would facilitate easy retrieval of information collected from any informant so as to provide access to the informant, if necessary and keep all the undertakings and other material obtained from the statistics officers and other persons or agencies engaged in collection of statistics in safe custody.

Form-I

[See rules 7 (2), 9 (iii), 12 (e)]

Undertaking by statistics officer and other persons to be engaged in any capacity for collection of statistics under the provisions of the Collection of Statistics Act, 2008 (7 of 2009)

I, ____________ (Full Name), born on ___ (Date of birth), son/ daughter/ wife of ______ (Name of person) resident of ______ (address) do hereby solemnly affirm, that I accept the responsibility ______ (nature of work) assigned to me for collection of statistics in respect of ______ (direction under section 3 of the Act) under the Collection of Statistics Act, 2008 (7 of 2009) and the Collection of Statistics Rules, 2011, that I shall not access, use, disclose or retain personal information of any informant except in performing my duties of employment or contractual obligations in respect of collection of statistics, and that in case of any violation on my part to comply with the provisions of the Act and the rules made thereunder, and I shall render myself punishable as per the provisions of the Act.

Place: ___
Date: ___

Signature of statistics officer or the person
engaged in any capacity for collection of statistics

Form-II
(See rule 8)

Register of statistics officers to be maintained by the appropriate Government

1. Details of the direction issued under section 3 of the Collection of Statistics Act, 2008:

2. Name and address of the appropriate Government making direction:

3. Details of statistics officers appointed for collection of statistics under the aforesaid direction:

S. No.	Name of statistics officer	Permanent address	Educational qualifications and experience, if any, in collection of statistics	Geographical unit for which appointed and period of appointment	Powers, if any, delegated under section 4 (4) and (6) of the Act
(1)	(2)	(3)	(4)	(5)	(6)

Date of appointment	Date of termination of appointment
(7)	(8)

Place: ___
Date: ___

Signature with office seal of the officer
responsible for maintaining
the record of statistics officers

[F. No. M-15011/1/2007-Admn. III]
Prof. T.C.A. ANANT, Secy.

Printed by the Manager, Government of India Press, Ring Road, Mayapuri, New Delhi-110064
and Published by the Controller of Publications, Delhi-110054.

रजिस्ट्री सं० डी० एल०—(एन)04/0007/2003—17 REGISTERED NO. DL—(N)04/0007/2003—17

भारत का राजपत्र
The Gazette of India

असाधारण
EXTRAORDINARY
भाग II — खण्ड 1
PART II — Section 1
प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 31] नई दिल्ली, शनिवार, अगस्त 5, 2017/ श्रावण 14, 1939 (शक)
No. 31] NEW DELHI, SATURDAY, AUGUST 5, 2017/SHRAVANA 14, 1939 (SAKA)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह अलग संकलन के रूप में रखा जा सके।
Separate paging is given to this Part in order that it may be filed as a separate compilation.

MINISTRY OF LAW AND JUSTICE
(Legislative Department)

New Delhi, the 5*th August*, 2017/*Shravana* 14, 1939 (*Saka*)

The following Act of Parliament received the assent of the President on the 4th August, 2017 and is hereby published for general information :—

THE COLLECTION OF STATISTICS (AMENDMENT) ACT, 2017

No. 21 of 2017

[4*th August*, 2017.]

An Act to amend the Collection of Statistics Act, 2008.

Be it enacted by Parliament in the Sixty-eighth Year of the Republic of India as follows:—

1. (*1*) This Act may be called the Collection of Statistics (Amendment) Act, 2017. Short title and commencement.

(*2*) It shall come into force on such date as the Central Government may, by notification in the Official Gazette, appoint.

7 of 2009. **2.** In the Collection of Statistics Act, 2008 (hereinafter referred to as the principal Act), in section 1, for sub-section (*2*), the following sub-section shall be substituted, namely:— Amendment of section 1.

"(*2*) It extends to the whole of India :

Provided that it shall apply to the State of Jammu and Kashmir in so far as it relates to statistics pertaining to matters falling under any of the entries specified in List I (Union List) or List III (Concurrent List) in the Seventh Schedule to the Constitution as applicable to that State.".

Amendment of section 2.

3. In the principal Act, in section 2, after clause (*d*), the following clause shall be inserted, namely:—

'(*da*) "nodal officer" means the officer designated as a nodal officer under sub-section (*1*) of section 3A;'.

Insertion of new section 3A.

4. In the principal Act, after section 3, the following section shall be inserted, namely:—

Nodal officer.

"3A. (*1*) The Central Government or a State Government or Union territory Administration shall designate one of its officers as a nodal officer for the purposes of statistics under this Act.

(*2*) The nodal officer shall coordinate and supervise such statistical activities in the Central Government or the State Government or Union territory Administration, as the case may be, in which he is designated, and shall exercise such other powers and perform such other duties, as may be prescribed.".

Amendment of section 9.

5. In the principal Act, in section 9, for sub-section (*1*), the following sub-section shall be substituted, namely:—

"(*1*) The statistics officer or any person or agencies authorised under this Act shall, for statistical purposes, use any information furnished under section 6 in such manner as may be prescribed.".

Amendment of section 33.

6. In the principal Act, in section 33,—

(*i*) in sub-section (*1*), after the words "The Central Government may", the words "subject to the condition of previous publication" shall be inserted;

(*ii*) in sub-section (*2*),—

(*A*) after clause (*a*), the following clause shall be inserted, namely:—

"(*aa*) the coordination and supervision of statistical activities by the nodal officer and the powers and duties of the nodal officer under sub-section (*2*) of section 3A;";

(*B*) after clause (*d*), the following clause shall be inserted, namely:—

"(*da*) the manner of use of information under sub-section (*1*) of section 9;".

————

DR. G. NARAYANA RAJU,
Secretary to the Govt. of India.

UPLOADED BY THE GENERAL MANAGER, GOVERNMENT OF INDIA PRESS, MINTO ROAD, NEW DELHI–110002
AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI–110054.

GMGIPMRND—1805GI(S3)—05-08-2017.

Estimation Procedure

1. Notations:

i = subscript for i-th state.

s = subscript for s-th stratum in the i-th state.

m = subscript for sub-sample (m =1, 2, 3, 4) [m=1 and 3 for central and 2 and 4 for state].

k = subscript for k-th sample enterprise under a particular stratum.

E = total number of factories **in the sample sector** in a stratum.

e = number of factories surveyed out of total number of factories **in the sample sector** in a stratum.

x, y = observed value of characteristics x, y under estimation.

$\hat{X}$, $\hat{Y}$ = estimate of population total X, Y for the characteristics x, y.

Under the above symbols,

Y_{ismk} = observed value of the characteristic y for the k-th unit belonging to the m-th sub-sample for the s-th stratum in the i-th state.

(a) Formulae for estimation of aggregates for a state based on central sample:

The central sample consists of two parts: i) **Census Sector** where complete enumeration of units was done and ii) **Sample Sector** where units are selected from two sub-samples (sub-sample numbers being '1' and '3') from each stratum. Please note that the sub-samples '2' and '4' in each stratum are to be surveyed by State governments and those are considered as **State Sample**.

The estimation formula for any characteristic of the unit **in the sample sector** for m-th sub-sample in s-th strata of the i-th state is:

$$^{S}\hat{Y}'_{ism} = \frac{E_{is}}{e_{ism}} \sum_{k=1}^{e_{ism}} y_{ismk} \text{ , m= 1,3. } \dots\dots\dots\dots\dots\dots\dots\dots \quad (1.1)$$

Now the estimate of the parameter pertaining to sample sector of s-th stratum in the i-th State ($^{S}\hat{Y}'_{is}$) is the simple average of sub-sample estimates of the s-th stratum in the i-th State, $^{S}\hat{Y}'_{ism}$, m=1,3 i.e., $^{S}\hat{Y}'_{is} = \frac{1}{2} \sum_{m=1,3} {}^{S}\hat{Y}'_{ism}$.

Thus, the estimator for any characteristic of the unit **in the sample sector** of the ith state is:

$$^{S}\hat{Y}'_{i} = \sum_{s} {}^{S}\hat{Y}'_{is} \quad \dots\dots\dots(1.2)$$

Now, if $^{C}\hat{Y}''_{i}$ be the corresponding estimator for that characteristic of the unit **for the census sector** of the i-th state, then the estimate for the census sector, $^{C}\hat{Y}''_{i}$, will be simple addition of value of the characteristic y under the domain since the multiplier associated with each unit of the census sector is equal to 1. Thus, the estimate for that characteristic of the unit for ith State **as a whole** based on the central sample is given by:

$$^{Central}\hat{Y}_{i} = {}^{S}\hat{Y}'_{i} + {}^{C}\hat{Y}''_{i} \qquad \dots\dots\dots\dots\dots\dots\dots\dots\dots \quad (2)$$

The estimate of the characteristic of the unit for all-India will be:

$$^{Central}\hat{Y} = \sum_i {}^{Central}\hat{Y}_i \qquad \text{.......................................} \qquad (3)$$

(b) **Formulae for estimation of aggregates for a state based on state sample:**

As mentioned before the sub-samples '2' and '4' pertain to State Sample. The estimation formula for any characteristics of the unit **in the sample sector of the State sample**[1] for m-th sub-sample of the i-th state is:

$$^{State}\hat{Y}'_{ism} = \frac{E_{is}}{e_{ism}} \sum_{k=1}^{e_{ism}} y_{ismk}\,,\ \text{m= 2,4.} \quad \text{.........................} \quad (4.1)$$

where superscript 'State' in $^{State}\hat{Y}'_{ism}$ indicates that the estimate of Characteristic Y generated from state sample for m[th] sub-sample of s[th] stratum in i[th] State. Now, the Estimation formula for a characteristic y of the unit **for the sample sector** in s-th stratum of the i-th state **based on state sample** is the simple average of sub-sample estimates of the s-th stratum in the i-th State, $^{State}\hat{Y}'_{ism}$, m=2,4 i.e., $^{State}\hat{Y}'_{is} = \frac{1}{2}\sum_{m=2,4} {}^{State}\hat{Y}'_{ism}$, where $^{State}\hat{Y}'_{is}$ is the state sample estimate of the s-th stratum for the sample sector.

Thus, the estimator for any characteristic of the unit **in the sample sector** of the i[th] state is based on **the state sample** is:

$$^{State}\hat{Y}'_i = \sum_s {}^{State}\hat{Y}'_{is} \ \text{........(4.2)}$$

Using $^{C}\hat{Y}''_i$ as the corresponding estimate for that characteristic of the unit **for the census sector** of the i-th state, then the estimate for that characteristic of the unit for the i-th state **as a whole** based on the **state sample** is given by:

$$^{State}\hat{Y}_i = {}^{State}\hat{Y}'_i + {}^{C}\hat{Y}''_i \qquad \text{...........................} \ (5)$$

(c) **Formulae for estimation of aggregates for a state based on pooled sample:**

Estimation formula for any characteristic of the unit **for the sample sector** of the i-th state **based on pooled sample (i.e., central and state combined)** will be as follows:

Let sub-sample estimate of a characteristic Y for m-th sub-sample in s-th stratum in i-th State is $^{S}\hat{Y}'_{ism}$. Then

$$^{S}\hat{Y}'_{ism} = \frac{E_{is}}{e_{ism}} \sum_{k=1}^{e_{ism}} y_{ismk}\,,\ \text{m=1,2,3,4......... (6.1)}$$

[1] The State sample comprises of two sub-samples, viz., sub-samples 2 and 4 and census sector is covered in central sample. Hence, the state sample has only the sample sector.

The stratum level estimate for the pooled sample will be the simple average of the sub-sample estimate of Y in that stratum. Mathematically, if $\hat{Y}'_{is}$ be the stratum-level estimate for s-th stratum for i-th State, then ${}^{Pooled}\hat{Y}'_{is} = \frac{1}{4}\sum_{m=1}^{4} {}^{S}\hat{Y}'_{ism}$. In some cases, in a particular stratum one or more sub-samples may be void. Then stratum-level estimate will be generated from the simple average of the non-void sub-samples in that stratum. Thus, general form of stratum-level estimate may be ${}^{Pooled}\hat{Y}'_{is} = \frac{1}{t}\sum_{m=1}^{t} {}^{S}\hat{Y}'_{ism}$, where t (≤ 4) is the number of non-void sub-sample available with the stratum s.

Thus, the estimator for any characteristic Y of the unit **the sample sector** of the ith state based on **pooled sample** is:

$$ {}^{Pooled}\hat{Y}'_{i} = \sum_{s} {}^{Pooled}\hat{Y}'_{is} \quad \text{……..(6.2)} $$

Using ${}^{C}\hat{Y}''_{i}$ as the corresponding estimate for that characteristic of the unit **for the census sector** of the i-th state, then the estimate for that characteristic of the enterprise for the i-th state **as a whole** based on the pooled sample is given by:

$$ {}^{Pooled}\hat{Y}_{i} = {}^{Pooled}\hat{Y}'_{i} + {}^{C}\hat{Y}''_{i} \quad \text{.......................... (7)} $$

The above equations are given for generating the estimates for the State. However, similar treatment may be given or same equations may be used in generating the estimates at district level.

2. Estimates of Ratios:

Let $\hat{Y}$ and $\hat{X}$ be the overall estimate of the aggregates Y and X for two characteristics *y* and *x,* respectively at the State/ UT/ all-India level.

Then the combined ratio estimate ($\hat{R}$) of the ratio $(R = \frac{Y}{X})$ will be obtained as

$$ \hat{R} = \frac{\hat{Y}}{\hat{X}}. $$

3. Estimates of Error for Aggregate $\hat{Y}$: The variance is to be obtained for the sample sector units only. The estimated variances of the estimates at state level will be as follows:

$$ V\hat{a}r(\hat{Y}_i) = \sum_{s} V\hat{a}r(\hat{Y}_{is}) \quad \text{................................ (8)} $$

The sampling variance based on central Samples is:

$$ V\hat{a}r(\hat{Y}_i) = \sum_{s} \{(\hat{Y}_{is1} - \hat{Y}_{is3})/2\}^2 \quad \text{………………… (9.1)} $$

The sampling variance based on state Samples is:

$$V\hat{a}r(\hat{Y}_i) = \sum_s \{(\hat{Y}_{is2} - \hat{Y}_{is4})/2\}^2 \qquad \ldots\ldots\ldots\ldots\ldots\ldots\ldots \text{(9.2)}$$

In case only one sub-sample is available in a stratum out of two sub-samples 1 and 3 in central sample, the estimate of variance of central sample estimate in that stratum needs to be adjusted. The adjustment may be made by considering all the surveyed units in the non-void sub-sample as SRSWOR samples provided number of surveyed units in the sub-sample is greater than one. Similar treatment may be given in case only one sub-sample is available in a stratum out of two sub-samples 2 and 4 in state sample as well as in a stratum out of four sub-samples in pooled data.

For generating estimates of variance for the pooled sample is:

$$V\hat{a}r(\hat{Y}_i) = \frac{1}{t(t-1)} \sum_s \sum_{m=1}^{t} (\hat{Y}_{ism} - \hat{Y}_{is})^2 , \ldots\ldots \text{(9.3)}$$

where $\hat{Y}_{is} = \frac{1}{t}\sum_{m=1}^{t} \hat{Y}_{ism}$ and t is the number of non-void sub-samples in s-th stratum. Note that equations (9.1) and (9.2) are special cases of equation (9.3) when t=2.

For all-India, the estimated variances of the estimates of different types will be as follows:

$$V\hat{a}r(\hat{Y}) = \sum_i V\hat{a}r(\hat{Y}_i) \qquad \ldots\ldots\ldots\ldots\ldots\ldots\ldots \text{(10)}$$

4. For ratio $\hat{R}$:

The ratio estimators are biased estimators. Thus, instead of variance, we'll try to estimate Mean Square Error (MSE). The general formula of estimate of MSE of $\hat{R}$ is

$$M\hat{S}E(\hat{R}) = \frac{1}{\hat{X}^2}\left[\hat{V}(\hat{Y}) - 2\hat{R}Co\hat{v}(\hat{X},\hat{Y}) + \hat{R}^2\hat{V}(\hat{X})\right] \ \ldots\ldots\ldots \text{(11)}$$

Now, the MSE of $\hat{R}$ at all-India level based on central sample (i.e. sub-samples 1 and 3) is,

$$M\hat{S}E(\hat{R}) = \frac{1}{2} \times \frac{1}{{}^{Central}\hat{X}^2} \sum_s \left[\sum_{m=1,3} (\hat{Y}_{sm} - {}^{C}\hat{Y}_s)^2 - 2\hat{R} \sum_{m=1,3} (\hat{Y}_{sm} - {}^{C}\hat{Y}_s)(\hat{X}_{sm} - {}^{C}\hat{X}_s) + \hat{R}^2 \sum_{m=1,3} (\hat{X}_{sm} - {}^{C}\hat{X}_s)^2 \right] \ldots \text{(11.1)}$$

where ${}^{C}\hat{Y}_s = \frac{1}{2}\sum_{m=1,3} \hat{Y}_{sm}$, ${}^{C}\hat{X}_s = \frac{1}{2}\sum_{m=1,3} \hat{X}_{sm}$, $\hat{R} = {}^{Central}\hat{Y} \big/ {}^{Central}\hat{X}$, and $\hat{Y}_{sm}$ and $\hat{X}_{sm}$ are estimates of characteristics x and y based on m-th sub-sample of s-th stratum from the sample sector of central sample, and ${}^{Central}\hat{X}$ and ${}^{Central}\hat{Y}$ will be obtained using eq. (3) for the characteristics x and y respectively.

For $\hat{R}$ at state level (i.e., for i-th state, say $\hat{R}_i$) based on sub-samples 1 and 3 of central sample,

$$M\hat{S}E(\hat{R}_i) = \frac{1}{2} \times \frac{1}{{}^{Central}\hat{X}_i^2} \sum_s \left[\sum_{m=1,3} (\hat{Y}_{ism} - {}^{C}\hat{Y}_{is})^2 - 2\hat{R}_i \sum_{m=1,3} (\hat{Y}_{ism} - {}^{C}\hat{Y}_{is})(\hat{X}_{ism} - {}^{C}\hat{X}_{is}) + \hat{R}_i^2 \sum_{m=1,3} (\hat{X}_{ism} - {}^{C}\hat{X}_{is})^2 \right] \ldots \text{(11.2)}$$

where ${}^{C}\hat{Y}_{is} = \frac{1}{2}\sum_{m=1,3} \hat{Y}_{ism}$, ${}^{C}\hat{X}_{is} = \frac{1}{2}\sum_{m=1,3} \hat{X}_{ism}$, $\hat{R}_i = {}^{Central}\hat{Y}_i \big/ {}^{Central}\hat{X}_i$, and $\hat{Y}_{ism}$ and $\hat{X}_{ism}$ are estimates of characteristics x and y based on m-th sub-sample of s-th stratum in i-th State from the sample sector of central sample, and ${}^{Central}\hat{X}_i$ and ${}^{Central}\hat{Y}_i$ will be obtained using eq. (2) for i-th state for the characteristics x and y respectively.

For $\hat{R}$ at state level (say $\hat{R}_i$) from state sample (i.e. based on sub-samples 2 and 4),

$$M\hat{S}E(\hat{R}_i) = \frac{1}{2} \times \frac{1}{{}^{State}\hat{X}_i^2} \sum_s \left[\sum_{m=2,4} (\hat{Y}_{ism} - {}^S\hat{Y}_{is})^2 - 2\,{}^S\hat{R}_i \sum_{m=2,4} (\hat{Y}_{ism} - {}^S\hat{Y}_{is})(\hat{X}_{ism} - {}^S\hat{X}_{is}) + {}^S\hat{R}_i^2 \sum_{m=2,4} (\hat{X}_{ism} - {}^S\hat{X}_{is})^2 \right] \ldots (12)$$

where ${}^S\hat{Y}_{is} = \frac{1}{2}\sum_{m=2,4}\hat{Y}_{ism}$, ${}^S\hat{X}_{is} = \frac{1}{2}\sum_{m=2,4}\hat{X}_{ism}$, ${}^S\hat{R}_i = {}^{State}\hat{Y}_i \big/ {}^{State}\hat{X}_i$; $\hat{Y}_{ism}$ and $\hat{X}_{ism}$ are estimates of characteristics x and y based on m-th sub-sample (sub-sample 2 and 4) of s-th stratum in i-th State from the state sample, and ${}^{State}\hat{X}_i$ and ${}^{State}\hat{Y}_i$ will be obtained using eq. (5) for i-th state for the characteristics x and y respectively.

For $\hat{R}$ at all-India based on pooled sample (i.e. sub-samples 1, 2, 3 and 4) is,

$$M\hat{S}E(\hat{R}) = \frac{1}{12} \times \frac{1}{\hat{X}^2} \sum_s \left[\sum_{m=1}^{4} (\hat{Y}_{sm} - \hat{Y}_s)^2 - 2\hat{R} \sum_{m=1}^{4} (\hat{Y}_{sm} - \hat{Y}_s)(\hat{X}_{sm} - \hat{X}_s) + \hat{R}^2 \sum_{m=1}^{4} (\hat{X}_{sm} - \hat{X}_s)^2 \right] ,.... (13)$$

where $\hat{Y}_{sm}$ and $\hat{X}_{sm}$ are estimates of characteristics x and y based on all sub-samples 1, 2, 3 and 4 of s-th stratum, $\hat{Y}_s = \frac{1}{4}\sum_{m=1}^{4}\hat{Y}_{sm}$, $\hat{X}_s = \frac{1}{4}\sum_{m=1}^{4}\hat{X}_{sm}$ and $\hat{R} = \hat{Y} \big/ \hat{X}$. Here, $\hat{Y}$, $\hat{X}$ and $\hat{R}$ are pooled all-India estimate of the characteristics Y, X and R (i.e., ratio Y/X) respectively. In case, pooling at any State level is attempted, the corresponding pooled estimate of characteristics y, x and R may be used for that State using eq. (7). In short, formula for MSE ($\hat{R}_i$) based on pooled sample is :

$$M\hat{S}E(\hat{R}_i) = \frac{1}{12} \times \frac{1}{{}^{Pooled}\hat{X}_i^2} \sum_s \left[\sum_{m=1}^{4} (\hat{Y}_{ism} - \hat{Y}_{is})^2 - 2\hat{R}_i \sum_{m=1}^{4} (\hat{Y}_{ism} - \hat{Y}_{is})(\hat{X}_{ism} - \hat{X}_{is}) + \hat{R}_i^2 \sum_{m=1}^{4} (\hat{X}_{ism} - \hat{X}_{is})^2 \right] \quad .....(13.1)$$

where $\hat{Y}_{ism}$ and $\hat{X}_{ism}$ are estimates of characteristics x and y based on all sub-samples 1, 2, 3 and 4 of s-th stratum for the i-th state, $\hat{Y}_{is} = \frac{1}{4}\sum_{m=1}^{4}\hat{Y}_{ism}$, $\hat{X}_{is} = \frac{1}{4}\sum_{m=1}^{4}\hat{X}_{ism}$ and $\hat{R}_i = {}^{Pooled}\hat{Y}_i \big/ {}^{Pooled}\hat{X}_i$.

Please note that, in case one or more sub-sample is void in a stratum, the estimate MSE of $\hat{R}$ will be estimated using the equations (13) based on only non-void sub-samples.

5. **Estimates of RSE**:

$$R\hat{S}E(\hat{Y}) = \frac{\sqrt{V\hat{a}r(\hat{Y})}}{\hat{Y}} \times 100 \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots \quad (14)$$

$$R\hat{S}E(\hat{R}) = \frac{\sqrt{M\hat{S}E(\hat{R})}}{\hat{R}} \times 100 \quad \ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots\ldots....... \quad (15)$$

6. **Multipliers for enterprises**:

The formulae for multipliers for a stratum are given below:

formula for sub-sample wise multiplier	formula for combined sample multiplier
$\frac{E_{is}}{e_{ism}}$, m = 1, 2, 3 or 4.	$\frac{E_{is}}{e_{is}}$, $e_{is} = \sum_{m=1}^{4} e_{ism}$

7. Treatment for surveyed cases and casualty cases:

7.1 *Casualty cases*: The casualty case may occur in cases where the unit is existing but non-response due to closure and owner/occupier is not traceable (code 5), non-response due to production not yet started or accounting year not closed during the year (code 7) or non-response due to other reasons [incl. relevant records are with court/Income tax or recalcitrant/refuse to submit the return department, etc, or factory under prosecution in respect of earlier ASI] (code 8). Thus, the units with survey codes 5, 7 and 8 as per Item 12, Block A are treated as casualties.

7.2 *Imputation of data from past survey for casualty units:* In case any units in the census sector becomes casualty, information in respect of all the characteristics may be borrowed from the previous year, if available, for the census sector units belonging to that post-survey stratum of 'State × District × Sector × 3-Digit of NIC'. This is also followed in case of units pertaining to sample sector which are casualty but information on various characteristics for previous year of those units is available. All such units, for which previous year's information is available, are treated as if 'open' and status code '1' is given against these units.

7.3 While counting the number of units surveyed (e_{ism}) in the m-th sub-sample of a stratum, all the units with survey codes 1 to 4 in Item 12, Block A will be considered excluding the casualty cases (i.e., those casualty cases where even previous year's information is not available).

8. Treatment in cases of void strata

8.1 A stratum may be void because of the casualty of all the units belonging to the stratum. This may occur in one sub-sample or more sub-samples. If it happens to only one sub-sample, then estimate for the stratum with one void sub-sample may be based on a single available sub-sample. Since the estimate of the sample sector within a stratum is the simple average of the two sub-samples (assuming samples are selected in the form of two sub-samples), by considering only one sub-sample, the stratum level estimate will be same as the single available sub-sample estimate. This situation where at least one sub-samples is available, we will not treat this stratum as 'void'. The situation where none of the sub-sample is available in a stratum, we will treat that stratum as 'void'. However, the various cases of void sub-samples are discussed below:

8.2 When a stratum is void i.e., none of the sub-samples 1 and 3 is available, then in order to generate estimate pertaining to sample sector based on central sample, the 'void' stratum may be merged with the nearest stratum looking into the description of the 3-digit NIC activity within the district, or else it could be merged with the 3-digit NIC activity 'others' within that 3-digit NIC Group in the district of the respective State. This will ensure the generation of district level estimates within a State.

8.3 The treatment will be similar if the stratum is void in both the sub-samples 2 and 4 to generate estimates from the state sample. In this case merging of stratum may be required in generating state sample estimates. If only one sub-sample (out of sub-sample 2 and 4) is void, then estimate for that stratum may be generated on the basis of single sub-sample as is mentioned in earlier paragraph 8.1. It may be possible that in a particular stratum, sub-samples 1 and 3 are void but sub-samples 2 and 4 are not void or conversely sub-samples 1 and 3 are not void but sub-samples 2 and 4 are void. In the later case merging of stratum is required in generating state sample estimate while merging is not required in generating estimates from central sample. In such cases for generating pooled estimate, merging is also not required. The stratum merging in generating pooled estimate is required only when all the four sub-samples in a stratum are void. The same merging principle, which is mentioned in earlier paragraph 8.2, is to be followed in such cases.

CONFIDENTIAL

Government of India
Ministry of Statistics and Programme Implementation
Return under Collection of Statistics Act, 2008 as amended in 2017 and rules framed there under in 2011
Annual Survey of Industries 2023-2024 (Part –I)
(Please read the instructions before filling the return)

Block A: Identification particulars (for official use)	
1. Schedule Despatch (DSL) No.	
2. PSL No.	
3. Scheme code (*Census-1, Sample-2*)	
4. Industry code as per frame (*4-digit level of NIC-2008*)	
5. Industry code as per return (*5-digit level of NIC-2008*)	
6. Description of Industry:	
7. State Code	
8. District Code	
9. Sector (*Rural-1, Urban-2*)	
10. RO/SRO code	
11. No. of Units	
12. Status of Unit (*Code*)	

Block B: Particulars of the factory (to be filled by owner of the factory)		
1. Name and address of the Industrial undertaking:	1.1 Vill./Town:	
	1.2 District name:	
	1.3 State name:	
	1.4 PIN Code	
2. Type of organisation (*code*)		
3. Corporate Identification Number (CIN)		
4. Whether the unit has ISO Certification, 14000 Series (*yes-1, no-2*)		
5. Year of initial production		
6. Accounting year (........... *to* ....)		to
7. Number of months of operation		
8. Whether the share capital of the company includes share of foreign entities (*yes-1, no-2*)		
9. Any R&D unit in your factory (*yes & registered with DST/DBT - 1, yes & registered with others - 2, no - 3*)		
10. Details of contact person	i) Name & designation:	
	ii) Tele (with STDcode)	
	iii) FAX no.	
	iv) E-mail	
11. Whether the unit offered any formal training (*yes-1, no-2*)		

DECLARATION

I hereby declare that information furnished in this return is correct and complete to the best of my knowledge and belief.
Date:
Place:

(Name and Signature of owner with stamp)

DSL No | | | | | | **PSL No** | | | | |

Block C: FIXED ASSETS

Sl. No.	Type of Assets	Gross value (Rs.)					Depreciation (Rs.)				Net value (Rs.)	
		Opening as on ----	Addition during the year		Deduction & adjustment during the year	Closing as on ---- (cols. 3+4+5-6)	Up to year beginning	Provi-ded during the year	Adjustment for sold/ discarded during the year	Up to year end (cols. 8+9 -10)	Opening as on ----- (cols. 3-8)	Closing as on ------ (cols. 7-11)
			Due to revaluation	Actual additions								
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.	Land											
2.	Building											
3.	Plant &Machinery											
4.	Transport equipment											
5.	Computer equipment including software											
6.	Pollution control equipment/ Environment improvement equipment											
7.	Others											
8.	**Sub-total (items 2 to 7)**											
9.	Capital work in progress											
10.	**Total (items 1+8+9)**											

DSL No | | | | | | **PSL No** | | | | | |

Block D: WORKING CAPITAL AND LOANS			
Sl. No.	Items	Opening (Rs.)	Closing (Rs.)
(1)	(2)	(3)	(4)
1.	Raw Materials & Components and Packing materials		
2.	Fuels & Lubricants		
3.	Spares, Stores & others		
4.	**Sub-total (items 1 to 3)**		
5.	Semi-finished goods/work in progress		
6.	Finished goods		
7.	**Total inventory (items 4 to 6)**		
8.	Cash in Hand & at Bank		
9.	Sundry Debtors		
10.	Other current assets		
11.	**Total current assets(items 7 to 10)**		
12.	Sundry Creditors		
13.	Over draft, cash credit, other short-term loan from banks & other financial institutions		
14.	Other current liabilities		
15.	**Total current liabilities (items 12 to 14)**		
16.	**Working Capital (item 11-item 15)***		
17.	Outstanding loans (excluding interest but including deposits)**		

Note:

* *Give reasons in the footnote for negative values and abnormal verification in opening and closing values.*

** *If outstanding loans include interest, a footnote may be given.*

DSL No | | | | | | **PSL No** | | | | |

Block E: EMPLOYMENT AND LABOUR COST							
Sl. No.	Category of staff	Man-days worked			Average number of persons worked	No. of mandays paid for	Wages/ salaries (in Rs.)
		Manufacturing	Non Manufacturing	Total			
1	2	3	4	5	6	7	8
Part A: Details for each category of staff							
1.	Male workers employed directly						
2.	Female workers employed directly						
3.	Transgender workers employed directly						
4.	**Sub-total (items 1 + 2 + 3)**						
5.	Workers employed through contractors						
6.	**Total workers (items 4 + 5)**						
7.	Supervisory & managerial staff						
8.	Other employees						
9.	Unpaid family members/ proprietor/ coop. members						
10.	**Total employees (items 6 + 7 + 8 + 9)**						
Part B: Some details for all categories of staff combined							
11.	Bonus (in Rs.)						
12.	Contribution to provident & other funds (in Rs.)						
13.	Workmen & staff welfare expenses (in Rs.)						
14.	Number of working days	(i) Manufacturing days					
		(ii) Non-manufacturing days					
		(iii) Total (i + ii)					
15.	**Total cost of production (in Rs.) [entry in col. 8 of item 10, 11, 12 and 13, block E + entry in col. 3 of item 1, 2(i), 2(ii), 3, 4, 5, 6, 7, 8, 9 & 10, block F + entry in col. 6 of item 23 of block H + entry in col. 6 of item 7, block I]**						

DSL No | | | | | | **PSL No** | | | | |

	Block F : OTHER EXPENSES		
	Sl. No.	Items	Expenditure (in Rs.)
	(1)	(2)	(3)
OTHER INPUT	1.	Work done by others on materials supplied by the industrial undertaking	
	2.	Repair & maintenance of	
		(i) Buildings and other construction	
		(ii) Other fixed assets	
	3.	Operating expenses	
	4.	Expenses on raw materials and other components for own construction	
	5.	Insurance charges	
	6.	Rent paid for plant & machinery and other fixed assets	
	7.	Expenses on Research & Development (R&D)	
	8.	Rent paid for buildings	
	9.	Rent paid for land on lease or royalties on mines, quarries and similar assets	
	10.	Interest paid	
	11.	Purchase value of goods sold in the same condition as purchased	
	12.	Inward transportation cost	
	13.	Outward transportation cost	

	Block G: OTHER OUTPUT/RECEIPTS		
	Sl. No.	Items	Receipts (in Rs.)
	(1)	(2)	(3)
OTHER OUTPUT	1.	Receipts from manufacturing services (including work done for others on materials supplied by them and sale value of waste left by the party)	
	2.	Receipts from non-manufacturing services (including non-industrial services)	
	3.	Value of electricity generated and sold	
	4.	Value of own construction	
	5.	Net balance of goods sold in the same condition as purchased. (item 11 of block G *minus* item 11 of block F)	
	6.	Rent received for plant & machinery and other fixed assets	
	7.	Variation in stock of semi-finished goods (col.4 *minus* col 3 against item 5 in block D)	
	8.	Rent received for buildings	
	9.	Rent received for land on lease or royalties on mines, quarries and similar assets	
	10.	Interest received	
	11.	Sale value of goods sold in the same condition as purchased	
	12.	Other production subsidies	

DSL No | | | | | | | **PSL No** | | | | | |

Block H: Indigenous input items consumed (if needed, additional sheets may be used for recording input items with serial nos. starting from 25)						
Sl. No.	Item description	Item code (NPC-MS)	Unit of quantity	Quantity consumed	Purchase value (in Rs.)	Rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
	Major ten basic items (indigenous)					
1.						
2.						
3.						
4.						
5.						
6.						
7.						
8.						
9.						
10.						
11.	Other basic items (indigenous)*	9920100				
12.	**Total basic items (items 1 to 11)**	**9990100**				
13.	Non-basic chemicals – all kinds	9920300				
14.	Packing items	9990800				
15.	Electricity own generated	9990400	KWH			
16.	Electricity purchased & consumed	9990500	KWH			
17.	Petrol, diesel, oil, lubricants consumed	9990600				
18.	Coal consumed	9990700	Tonne			
19	Gas consumed	9990900	KG			
20.	Other fuel consumed	9920400				
21.	Consumable store	9922000				
22.	Total non-basic items (items 13 to 21)	9992000				
23.	**Total inputs (items 12 + 22)**	**9993000**				
24.	Any additional requirement of electricity (unmet demand)	**9999999**	KWH			
* Full description of items not in NPC-MS 2011 (Revised):						

DSL No | | | | | | **PSL No** | | | | |

Block I: Imported input items consumed - directly only (if needed, additional sheets may be used for recording input items with serial nos. starting from 8)						
Sl. No.	Item description (Major five imported items)	Item code (NPC-MS)	Unit of quantity	Quantity consumed	Purchase value (in Rs.)	Rate per unit (in Rs.)
(1)	(2)	(3)	(4)	(5)	(6)	(7)
1.						
2.						
3.						
4.						
5.						
6.	Other imported items	9922100				
7.	**Total imports (consumed) (items 1 to 6)**	**9994000**				

DSL No | | | | | | **PSL No** | | | | |

Block J: Products and by-products manufactured by the unit (if needed, additional sheets may be used for recording output items with serial nos. starting from 14)												
Sl. No.	Products/By-products description (First ten major items as per value - no brand name)	Item code (NPCMS)	Unit of quantity	Quantity manufactured	Quantity sold	Gross sale value (Rs.)	Distributive expenses (Rs.)				Per unit net sale value (Rs. 0.00) (col. 7-[col. 8+col. 9+col.10-col.11]) ÷ col. 6	Ex-factory value of quantity manufactured (Rs.) (col.12× col.5)
							Goods and Services Tax(GST)	Excise Duty/ Sales Tax/VAT/ Other Taxes, if any	Other Distributive Expenses	Subsidy (-)		
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
1.												
2.												
3.												
4.												
5.												
6.												
7.												
8.												
9.												
10.												
11.	Other products/ by-products*	9921100										
12.	**Total (items 1 to 11)**	**9995000**										
13.	Share (%) of products/by-products directly exported											
* Full description of items not in NPC-MS 2011 (Revised):												

DSL No | | | | | | | **PSL No** | | | | | |

Block K: Information and Communication technology (ICT) usage		
Sl. No.	**ICT indicator**	***yes-1, no-2***
1.	Did the factory use computer/s during FY 2023-24?	
2.	Did the factory use the internet during FY 2023-24?	
3.	Did the factory have a website as on the date of survey?	
4.	Did the factory receive orders via the internet during FY 2023-24?	
5.	Did the factory place orders for business purpose via the internet during FY 2023-24?	
6.	Did the factory connect to the internet either by a. Narrowband or b. Fixed broadband or c. Mobile broadband during FY 2023-24?	
7.	Does the factory have a local area network (LAN) as on the date of survey?	

Block L: Energy Conservation (EC) measures		
Sl. No.	**EC indicator**	***yes-1, no-2***
Have any measures been taken during last financial year with regard to:		
1.	Electrical saving?	
2.	Coal saving?	
3.	Oil saving?	
4.	Gas saving?	

<u>FOR OFFICIAL USE ONLY</u>

Block M: Particulars of field operations					
1.	Name of Superintending Officer		5.	Date of receipt from factory	
2.	Signature of Superintending Officer		6.	Date of verification/compilation	
3.	Name & Designationof Scrutinising Officer		7.	Date(s) of scrutiny	
4.	Signature of Scrutinising Officer		8.	Date of despatch	

Block N:Comments of Superintending Officer/Scrutinising Officer
Note: Reasons for negative working capital and for any abnormal values or entries (high or low) in respect to important characteristics (Such as GVA, working capital, wage rate, number of workers, distributive expenses, depreciation etc.) should be given invariably. For instance, the reasons for high GVA could be increased demand/production, profit, govt. subsidy; or for low GVA, the reasons could be decreased demand/production, capacity under-utilization, high input cost etc. similarly reasons for any abnormal values of certain important ratios e.g. Ratio of output to input, ratio of depreciation/distributive expenses to output etc should be given. ***Please refer to detailed instructions also for further guidance.***

Annual Survey of Industries 2023-24

Part A

Report of scrutiny on Part-I of the return

State (code)__________________Distt. (code)______________ DSL No./PSL No.___________

Ind. code (5-digit NIC 2008) as per return ______________ Scheme Code ______________

Sl. No.	Bl. no.	Item	Unit	Average rate per unit*	**If high or low**, reasons to be furnished by	
1	H	Input items (Indigenous) Major Ten basic items consumed	**X**	**X**	Superintending Officer	Scrutinizing Officer
		1)				
		2)				
		3)				
		4)				
		5)				
		6)				
		7)				
		8)				
		9)				
		10)				
		11) Electricity purchased				
		12) Coal				
2	I	Directly imported items consumed (major five items)				
		1)				
		2)				
		3)				
		4)				
		5)				

*Average value per unit in nearest whole rupee is to be reported.

3. Percentage yield of product from the basic materials consumed (in case the quantity are common or directly convertible in whole number)

4	Item	Current year (2023-24)	Previous year (2022-23)	Reasons for significant variation, if any.
	1) Average salaries/wages per man day worked (Rs.) $(E_{6,8}/E_{6,5})$			
	2) Total worker (number) $(E_{6,6})$			
	3) Total employees (number) $(E_{10,6})$			
	4) Total emoluments $(E_{10,8} + E_{11,8} + E_{12,8} + E_{13,8})$			
	5) Variation in finished goods $(D_{6,4} - D_{6,3})$			
	6) Working Capital $(D_{16,4})$			
	7) **Total input** $(F_{1,3}+F_{2(i),3}+F_{2(ii),3}+F_{3,3}+F_{4,3}+F_{6,3}+F_{7,3}+F_{8,3}+F_{11,3})$ $(+)(H_{23,6})(+)(I_{7,6})$			
	8) **Total output** $(J_{12,7})(-)(J_{12,8}+J_{12,9}+J_{12,10}-J_{12,11})+(D_{6,4} - D_{6,3})$ $+(G_{1,3}+G_{2,3}+G_{3,3}+G_{4,3}+G_{6,3}+G_{7,3}+G_{8,3}+G_{11,3}+F_{7,3})$			
	9) Gross value added (GVA) (Item 8 - Item 7 as above)			

	Item	Current year (2023-24)	Previous year (2022-23)	Reasons for significant variation, if any.
	10) Net value added (Item 9 as above) - Depreciation ($C_{10,9}$)			
	11) Net Income (Item 10 as above) (-) ($F_{9,3}+F_{10,3}$)			
	12) Profit (Item 11 as above) (-) ($E_{10,8}+E_{11,8}+E_{12,8}+E_{13,8}$)			
	13) Actual addition to fixed assets ($C_{10,5}$)			
	14) **GVA (through Ex-factory Value) ($J_{12,13}$) (+)($G_{1,3}+G_{2,3}+G_{3,3}+G_{4,3}+G_{6,3}+G_{7,3}+G_{8,3}+G_{11,3}+F_{7,3}$) (-)($F_{1,3}+F_{2(i),3}+F_{2(ii),3}+F_{3,3}+F_{4,3}+F_{6,3}+F_{7,3}+F_{8,3}+F_{11,3}$) (-)** ($H_{23,6}$) **(-)** ($I_{7,6}$)			

5. Impose check on the following and give observations against each item

Sl. No.	Check points	Observations (Yes-1/No-2)
1.	Whether codes and identification particulars have been correctly furnished in Block A?	
2.	Whether information for all the items in Block B have been correctly furnished?	
3.	If the working capital in item 16 of Block D is negative whether reasons furnished in the footnote of Block D of the Return and also in Block N along with code?	
4.	Whether the return has been duly signed by owner with stamp?	
5.	If wide variation is noticed between Opening & Closing value of Working Capital, whether reasons furnished in the footnote of Block D and also in Block N along with code?	
6.	Whether special check has been made in case of negative GVA?	
7.	Whether basic entries have been thoroughly rechecked where output/input ratio is less than 0.5?	
8.	Whether ratio of Distributive expenses to gross sales is reasonable? If no, whether the relevant entries have been rechecked particularly where this ratio exceeds 20%?	
9.	If the total Bonus is more than 20% of total wages/salaries whether suitable remarks given in the Return?	
10.	If sale value of goods sold in same condition as purchased (Item - 11 of Block G) is less than the purchase value of the same (Item - 11 of Block F), whether reasons furnished in the return?	
11.	Whether Balance Sheet, Profit & Loss Account and Working Sheet are attached with the O/C of the Return?	
12.	Whether, the ex-factory value of output in column - 13 of Block J have been calculated correctly for each of the 10 major items of product and by-product and also for item 11?	
13.	Whether the entries in Blocks H & I are reported independently?	

Signature of the Superintending Officer

( )
Name of the Superintending Officer

PART-B
(To be filled in by Scrutinizing officer)

Impose check on the following and give observations against each item

Sl. No.	Check points	Observations (Yes-1/No-2)
1.	Examine the Industry Code with reference to Production/Process and state whether Industry Code is reported in 5 digit NIC 2008 against item 5 of Block A.	
2.	Whether valid new State Code has been entered against item 7 of Block 'A'?	
3.	Whether Schedule Despatch no. has been correctly filled in against item 1 of Block A?	
4.	State whether proper remarks in Block N for all important parameters such as GVA, working capital, wage rate, number of workers, distributive expenses, depreciation etc. are given?	
5.	Whether average salaries/wages per manday worked (worker) has been checked calculated correctly and are within the reasonable limits?	
6.	Whether special check has been made in case of negative GVA?	
7.	Whether basic entries have been rechecked where output/input ratio is less than 0.5?	
8.	Whether ratio of distributive expenses to gross sales is reasonable? If no, whether the relevant entries have been rechecked particularly where this ratio exceeds 20%?	
9.	If total bonus exceeds 20% of total salaries &wages, whether suitable remarks furnished?	
10.	Whether yield ratio of products from basic materials consumed (in case the units of quantity are common or directly convertible) are correctly calculated and are within prescribed limits?	
11.	Whether data reported in the return have been checked with Balance Sheet and Profit & Loss Account?	

Signature of Scrutinizing officer

( )
Name of Scrutinizing officer

CONFIDENTIAL

ANNUAL SURVEY OF INDUSTRIES 2023-24
PART II MANDAYS WORKED, ABSENTEEISM & LABOUR TURNOVER

Block 1 - Identification and other Particulars

1. Schedule Despatch No.		10. Type of Organisation (code)		16. Signature	
2. PSL No.					
3. Scheme Code (census - 1, sample - 2)		11. Company Identification Number (CIN)		17. Name of Scrutinizing Officer	
4. Industry code as per frame (4-digit level of NIC - 08)		12. Accounting Year			
5. Industry code as per return (5- digit level of NIC - 08)				18. Personnel code	
6. Description of Industry		13. Name of Superintending Officer		19. Head Quarter	
7. State code		14. Personnel code		20. Signature	
8. District code		15. Head Quarter			
9. RO/SRO code					
Name and address of the Industrial Undertaking					
City/Town/Village	Tehsil/Taluk	District		State	

Block 2 - Mandays worked, absenteeism, labour turnover for regular workers directly employed for each month of the year

Sl. no.	Month	Scheduled Working days for Workers	No. of Mandays Worked	No. of Mandays lost due to absence	No. of Workers in employment on		Accessions during the Month	Separations during the month due to	
					First day of month	Last day of month		Death or retirement	Other causes
0	1	2	3	4	5	6	7	8	9
1	Apr, 2023								
2	May, 2023								
3	Jun, 2023								
4	Jul, 2023								
5	Aug, 2023								
6	Sep, 2023								
7	Oct, 2023								
8	Nov, 2023								
9	Dec, 2023								
10	Jan, 2024								
11	Feb, 2024								
12	Mar, 2024								

CONCEPTS AND DEFINITIONS

Important concepts and definitions used in ASI are explained below.

1. A number of accounting, economic and other terms related to the factories are used in conduct of Annual Survey of Industries. For proper assessment and interpretation of ASI data, those are given below.

2. ***Accounting Year:*** For the purpose of ASI, the accounting year is the period on which the factory closes its books of account. With the enactment of Income Tax Act, by and large, the accounting year of all factories is from April to March.

3. ***Reference Period:*** It corresponds to the financial year. For example, for ASI 2023-24 the reference period is the financial year commencing from 1st April 2023 and ending on 31st March 2024 or the accounting year of the factory ending on any date between 01.04.2023 to 31.03.2024.

4. ***Survey Period:*** Survey period is a period during which work of any Annual Survey of Industries is undertaken. The survey period for ASI 2023-24 is from October 2024 to June 2025.

5. ***Factory (as per the Factory Act 1948):*** Factory is one, which is registered under Sections 2m(i) and 2m(ii) of the Factories Act, 1948. The Sections 2m(i) and 2m(ii) refer to any premises including the precinct thereof (i) wherein ten or more workers are working, or were working on any day of the preceding twelve months, and in any part of which a manufacturing process is being carried on with the aid of power, or is ordinarily so carried on, or (ii) wherein twenty or more workers are working, or were working on any day of the preceding twelve months and in any part of which a manufacturing process is being carried on without the aid of power, or is ordinarily so carried on. Closed factories with fixed assets on site are also considered as registered factories till they are de-registered and removed from the live-register maintained by the Chief Inspector of Factories (CIF) in the State.

The above definition is slightly modified due to the amendment of the Factories Act, 1948 for the State of Maharashtra and Rajasthan, which is applicable from ASI 2015-2016 onwards and for Goa, which is applicable from ASI 2022-2023 onwards. In addition to the above states, the definition has been modified for ten other states, namely; Andhra Pradesh, Arunachal Pradesh, Assam, Gujarat, Haryana, Jammu & Kashmir, Odisha, Punjab, Tripura, and Uttar Pradesh, which is applicable from ASI 2023-2024 onwards. The amendment section is as follows:

"Section 2m(i) has been modified, i.e., from 10 or more workers with power to 20 or more workers with power and also Section 2m(ii), i.e., from 20 or more workers without power to 40 or more workers without power."

6. ***Manufacturing Process:*** This is as per Section 2(k) of the Factories Act, 1948.

'Any process' for:

(i) making, altering, ornamenting, finishing, packing, oiling, washing, cleaning, breaking up, demolishing or otherwise treating or adapting any article or substance with a view to its use, sale, transport, delivery or disposal; or,

(ii) pumping oil, water or sewage; or,

(iii) generating, transforming or transmitting power; or,

(iv) composing types for printing by letter press, lithography, photogravure or other similar process or book binding; or,

(v) constructing, reconstructing, repairing, refitting, finishing or breaking up ships or vessels; or,

(vi) preserving or storing any article in cold storage.

7. ***Gross Value of Plant and Machinery:*** Gross value of plant and machinery represents the total original (un-depreciated) value of installed plant and machinery as at the end of the accounting year. It includes the book value of own constructed plant and machinery, if installed, and the approximate value of rented-in plant and machinery as at the time of renting in but excludes the value of rented-out plant and machinery. Total value of all the plant and machinery acquired on hire-purchase basis is also included. Thus, it represents the gross value of plant and machinery engaged in production process.

8. ***Fixed Capital:*** Fixed Capital represents the depreciated value of fixed assets owned by the factory as on the closing day of the accounting year. Fixed assets are those, which have normal productive life of more than one year. Fixed capital covers all type of assets, new or used or own constructed, deployed for productions, transportation, living or recreational facilities, hospitals, schools, etc. for factory personnel. It would include land, building, plant and machinery, transport equipment etc. It includes the fixed assets of the head office allocable to the factory and also the full value of assets taken on hire-purchase basis (Whether fully paid or not) excluding interest element. It excludes intangible assets and assets solely used for post-manufacturing activities such as, sale, storage, distribution, etc.

9. ***Depreciation:*** Depreciation is consumption of fixed capital by the factory due to wear and tear and obsolescence during the accounting year and is taken as provided by the factory owner, or if not provided by the factory this is estimated on the basis of cost of installation and working life of the fixed assets.

10. ***Finished Goods:*** Finished Goods are those, which are manufactured by the factory for sale. Finished goods should conform to a prescribed standard.

11. ***Physical Working Capital:*** This is defined to include all physical inventories owned, held or controlled by the factory as on the closing day of the accounting year such as the materials, fuels and lubricants, stores, etc. that enter into products manufactured by the factory itself or supplied by the factory to others for processing. Physical working capital also includes the value of stock of materials, fuels and stores etc. purchased expressly for re-sale, semi-finished goods and goods-in-process on account of others and goods made by the factory which are ready for sale at the end of the accounting year. However, it does not include the stock of the materials, fuels, stores, etc. supplied by others to the factory for processing. Finished goods processed by others from raw materials supplied by the factory and held by them are included and finished goods processed by the factory from raw materials supplied by others, are excluded.

12. ***Working Capital:*** Working Capital is the sum total of the physical working capital as already defined above and the cash deposits in hand and at bank, land, the net balance of amounts receivable over amounts payable at the end of the accounting year. Amounts receivable include value of credit items on revenue account, such as sums due to the factory for goods sold, amounts advanced in connection with normal factory work, bills of exchange payable to the factory, payments made in advance such as for fire insurance, telephone charges, rates and taxes, call deposits and security deposits having a normal life of less than one year, etc. It excludes unused overdraft facility, fixed deposits irrespective of duration, advances for acquisition of fixed assets, long-term loans including interest thereon and investment.

13. ***Invested Capital:*** Invested capital is the total of fixed capital and physical working capital.

14. ***Productive Capital:*** This is the total of fixed capital and working capital.

15. ***Outstanding Loans:*** Outstanding loans represent all loans, whether short-term or long-term, whether interest bearing or not, outstanding according to the books of the factory as on the closing day of accounting year.

16. ***Contract Worker:*** All persons who are not employed directly by an employer but through the third agency, i.e. contractor, are termed as contract workers. Those workers may be employed with or without the knowledge of the principal employer.

17. ***Employees:*** Employees relate to all persons engaged by the factory whether for wages or not, in work connected directly or indirectly with the manufacturing process and include all administrative, technical and clerical staff as also labour in production of capital assets for factory's own use. This is inclusive of persons holding position of supervision or management or engaged in administrative office, store-keeping section and welfare section, watch and ward staff, sales department as also those engaged in the purchase of raw materials etc. and production of fixed assets for the factory. It also includes all working proprietors and their family members who are actively engaged in the work of the factory even without any pay and the unpaid members of the co-operative societies who work in or for the factory in any direct and productive capacity. Persons in the head office connected with the manufacturing activity of the factory are also included in this item.

18. ***Labour Turnover:*** Labour turnover measures the extent of change in the working force due to accession and separation during a given period. The term 'accession' was defined as the total number of workers added to employment during the period, whether new or re-employed or transferred from other establishments or units under the same management. Inter-departmental transfers within the same establishment are, however ignored. The term 'separation' implies termination of employment at the instance of worker or employers. It includes termination of services due to death or retirement. As in the case of accession, transfers to other establishments are included but transfers within the same establishment are ignored. Retrenchment as a result of rationalization or modernization or any other cause, is also treated as separation.

19. ***Wages:*** Wages are defined to include all remuneration capable of being expressed in monetary terms and also payable/paid more or less regularly in each pay period to workers (defined above) as compensation for work done during the accounting year. It **includes**:

(i) Direct wages and salary (i.e. basic wages/salaries, payment of overtime, dearness, compensatory, house rent and other allowances);

(ii) Remuneration for period not worked (i.e. basic wages), salaries and allowances payable for leave period, paid holidays, lay-off payments and compensation for unemployment (if not paid from source other than employers);

(iii) Bonus and ex-gratia payment paid both at regular and less frequent intervals (i.e., incentive bonuses and good attendance bonuses, production bonuses, profit sharing bonuses, festival or yearend bonuses etc.).

It **excludes** layoff payments and compensation for employment except where such payments are for this purpose, i.e., payments not made by the employer. It **excludes** employer's contribution to old age benefits and other social security charges, direct expenditure on maternity benefits and creches and other group benefit in kind and travelling and other expenditure incurred for business purposes and reimbursed by the employer. The wages are expressed in terms of gross value, i.e., before deductions for fines, damages, taxes, provident fund, employee's state insurance contribution etc. Benefits in kind (perquisites) of individual nature are only **included**.

20. ***Bonus:*** Profit sharing bonus, festival bonus, year-end bonus, and all other bonuses and ex-gratia payments paid at less frequent intervals are covered by this term.

21. ***Workmen and Staff Welfare Expenses:*** These include expenditure incurred by the employer on the maternity benefits and crèches and other benefits such as supply of food, beverages, tobacco, clothing and group lodging at confessional rates and educational, cultural and recreational facilities and services and grants to trade unions and cooperative stores meant for employees. All group benefits are included.

22. ***Emoluments:*** These are defined in the same way as wages but paid to all employees plus imputed value of benefits in kind i.e. the net cost to the employers on those goods and services provided to employees free of charge or at markedly reduced cost which are clearly and primarily of benefit to the employees as consumers. It includes profit sharing, festival and other bonuses and ex-gratia payments paid at less frequent intervals (i.e. other than bonus paid more or less regularly for each period). Benefits in kind include supplies or services rendered such as housing, medical, education and recreation facilities. Personal insurance, income tax, house rent allowance, conveyance etc. for payment by the factory also is included in the emoluments.

23. ***Supplements to Emoluments:*** These include: (i) employer's contribution to old age benefits, i.e., provident fund, pension, gratuity, etc.; (ii) employer's contribution towards other social security charges such as Employees' State Insurance, compensation for work injuries, occupational diseases, maternity benefits, retrenchment and lay-off benefits etc.; and (iii) group benefits like direct expenditure on maternity, crèches, canteen facilities, educational, cultural and recreational facilities and grant to trade unions, co-operative stores etc. meant for employees.

24. ***Compensation of Employees:*** Compensation of employees is the total of emoluments and supplement to emoluments.

25. ***Mandays Worked:*** These are obtained by summing up the number of mandays worked by persons working in each shift over all the shifts on all days, i.e. both manufacturing and non-manufacturing days. This figure excludes persons who are paid but remain on leave, strike, etc.

26. ***Mandays Paid For:*** The number of mandays paid for is arrived at by summing up the number of employees paid for in each shift. This also includes mandays on weekly schedule holidays if paid for and those absences with pay as also mandays lost through lay off/ strike for which compensation was payable.

27. ***Working Day:*** Working day means the days on which a manufacturing process and/ or repair or maintenance work was carried on.

28. ***Non-working Day:*** Apart from manufacturing day and repair and maintenance days there may be some non-working days. Nonworking days are those days on which the workers give their attendance but due to non-availability of raw materials power etc. no effective work is done.

As the workers are paid for these days such days are also taken into account for the purpose of labour statistics.

29. ***Basic Materials:*** Basic materials are the materials which are important and of key nature to the industry, on which the manufacturing process is based, viz. metal for machine, leather for shoe. Such material is not lost through the process of production but only changes its forms.

30. ***Consumable Stores:*** All such materials which assist the manufacturing process and loose their identity without entering the products are called consumable stores, e.g., cotton waste.

31. ***Fuel Consumed:*** Fuel Consumed represent total purchase value of all items of fuels, lubricants, electricity, water (purchased to make steam) etc. consumed by the factory during the accounting year except those which directly enter into products as materials consumed. It excludes that part of fuels, which is produced and consumed by the factory in manufacture i.e., all intermediate products and also fuels consumed by employees as part of amenities. It includes quantities acquired and consumed from allied concerns, their book value being taken as their purchase value and also the quantities consumed in production of machinery or other capital items for factory's own use.

32. ***Materials Consumed:*** Materials consumed represent the total delivered value of all items of raw materials, components, chemicals, packing materials and stores which actually entered into the production process of the factory during the accounting year. It also includes the cost of all the materials used in the production of fixed assets, including construction work for factory's own use. Components and accessories fitted as purchased with the finished product during the accounting year are also to be included. It excludes intermediate products. Intermediate products in the above context mean all those products which are produced by the factory and consumed for further manufacturing process.

33. ***Total Input:*** This comprises gross value of fuels, materials etc. consumed (as defined above) and also other inputs viz. (a) cost of non-industrial services received from others, (b) cost of materials consumed for repair and maintenance of factory's fixed assets including cost of work done by others to the factory's fixed assets, (c) cost of contract and commission work done by others on materials supplied by the factory, (d) cost of office supplies and products reported for sale during last year & used for further manufacture during the accounting year and (e) rent paid for buildings and plant & machinery and other fixed assets, (f) expenses on Research & Development (R&D).

34. ***Intermediate Product:*** Intermediate Product is a product which is obtained during a manufacturing process, which may or may not be saleable and is not the intended final product.

35. ***Net Value of Semi-Finished Goods:*** It represents the excess/deficit of value of semi-finished goods and/or goods-in-process at the end of the accounting year over that at the beginning of year.

36. ***Products:*** These are defined to include the ex-factory value (i.e. exclusive of taxes, duties etc. on sale and inclusive of subsidies etc., if any) of all products and by-products, excluding intermediate products, that have been completed during the accounting year for sale whether actually sold during the accounting year or entered into books. Also include fixed assets produced by the factory for its own use.

37. ***Gross Output:*** Gross output is defined to include the ex-factory value, (i.e., exclusive of taxes, duties, etc. on sale and inclusive of subsidies etc., if any) of products and by-products manufactured during the accounting year, and the net value of the semi-finished goods, value of own construction and also the receipts for industrial and non-industrial services rendered to others, rent received for building, plant & machinery and other fixed assets, net balance of goods sold in the same condition as purchased, value of electricity generated and sold and an amount equal to expenses on research & development (R&D). Value of gross output and total output has been used in the text inter-changeably to mean the same thing.

38. ***Industrial Services:*** Any services taken or rendered from one to another unit resulting in increase in the value of material during the manufacturing process are industrial services.

39. ***Non-Industrial Services:*** All such services which do not have a direct bearing on the manufacturing process but are needed by any manufacturing unit are called non-industrial services, say, transport.

40. ***Net Value Added:*** This is the increment to the value of goods and services that is contributed by the factory and is obtained by deducting the value of total inputs and depreciation from gross value of output.

41. **Net Income**: It is obtained by deducting the value of rent paid & interest paid from the NVA.

42. **Net Profit:** It is obtained by deducting compensation of employees from net income.

Annexure-V

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	***4-digit NIC-2008***	***Description***
016	0163	Post-harvest crop activities
	0164	Seed processing for propagation
089	0893	Extraction of salt
101	1010	Processing and preserving of meat
102	1020	Processing and preserving of fish, crustaceans and molluscs and products thereof
103	1030	Processing and preserving of fruit and vegetables
104	1040	Manufacture of vegetable and animal oils and fats
105	1050	Manufacture of dairy products
106		Manufacture of grain mill products, starches and starch products
	1061	Manufacture of grain mill products
	1062	Manufacture of starches and starch products
107		Manufacture of other food products
	1071	Manufacture of bakery products
	1072	Manufacture of sugar
	1073	Manufacture of cocoa, chocolate and sugar confectionery
	1074	Manufacture of macaroni, noodles, couscous and similar farinaceous products
	1075	Manufacture of prepared meals and dishes
	1079	Manufacture of other food products n.e.c.
108	1080	Manufacture of prepared animal feeds
110		Manufacture of beverages
	1101	Distilling, rectifying and blending of spirits; ethyl alcohol production from fermented materials
	1102	Manufacture of wines
	1103	Manufacture of malt liquors and malt
	1104	Manufacture of soft drinks; production of mineral waters and other bottled waters

Annexure-V

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	***4-digit NIC-2008***	***Description***
120	1200	Manufacture of tobacco products
131		Spinning, weaving and finishing of textiles
	1311	Preparation and spinning of textile fibres
	1312	Weaving of textiles
	1313	Finishing of textiles
139		Manufacture of other textiles
	1391	Manufacture of knitted and crocheted fabrics
	1392	Manufacture of made-up textile articles, except apparel
	1393	Manufacture of carpets and rugs
	1394	Manufacture of cordage, rope, twine and netting
	1399	Manufacture of other textiles n.e.c.
141	1410	Manufacture of wearing apparel, except fur apparel
142	1420	Manufacture of articles of fur
143	1430	Manufacture of knitted and crocheted apparel
151		Tanning and dressing of leather; manufacture of luggage, handbags, saddlery and harness; dressing and dyeing of fur
	1511	Tanning and dressing of leather; dressing and dyeing of fur
	1512	Manufacture of luggage, handbags and the like, saddlery and harness
152	1520	Manufacture of footwear
161	1610	Saw milling and planing of wood
162		Manufacture of products of wood, cork, straw and plaiting materials
	1621	Manufacture of veneer sheets; manufacture of plywood, laminboard, particle board and other panels and board
	1622	Manufacture of builders’ carpentry and joinery
	1623	Manufacture of wooden containers
	1629	Manufacture of other products of wood; manufacture of articles of cork, straw and plaiting materials

Annexure-V

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	***4-digit NIC-2008***	***Description***
170		Manufacture of paper and paper products
	1701	Manufacture of pulp, paper and paperboard
	1702	Manufacture of corrugated paper and paperboard and containers of paper and paperboard
	1709	Manufacture of other articles of paper and paperboard
181		Printing and service activites related to printing
	1811	Printing
	1812	Service activities related to printing
182	1820	Reproduction of recorded media
191	1910	Manufacture of coke oven products
192	1920	Manufacture of refined petroleum products
201		Manufacture of basic chemicals, fertilizer and nitrogen compounds, plastics and synthetic rubber in primary forms
	2011	Manufacture of basic chemicals
	2012	Manufacture of fertilizers and nitrogen compounds
	2013	Manufacture of plastics and synthetic rubber in primary forms
202		Manufacture of other chemical products
	2021	Manufacture of pesticides and other agrochemical products
	2022	Manufacture of paints, varnishes and similar coatings, printing ink and mastics
	2023	Manufacture of soap and detergents, cleaning and polishing preparations, perfumes and toilet preparations
	2029	Manufacture of other chemical products n.e.c.
203	2030	Manufacture of man-made fibres
210	2100	Manufacture of pharmaceuticals, medicinal chemical and botanical products
221		Manufacture of rubber products
	2211	Manufacture of rubber tyres and tubes; retreading and rebuilding of rubber tyres
	2219	Manufacture of other rubber products

Annexure-V

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	***4-digit NIC-2008***	***Description***
222	2220	Manufacture of plastics products
231	2310	Manufacture of glass and glass products
239		Manufacture of non-metallic mineral products n.e.c.
	2391	Manufacture of refractory products
	2392	Manufacture of clay building materials
	2393	Manufacture of other porcelain and ceramic products
	2394	Manufacture of cement, lime and plaster
	2395	Manufacture of articles of concrete, cement and plaster
	2396	Cutting, shaping and finishing of stone
	2399	Manufacture of other non-metallic mineral products n.e.c.
241	2410	Manufacture of basic iron and steel
242	2420	Manufacture of basic precious and other non-ferrous metals
243		Casting of metals
	2431	Casting of iron and steel
	2432	Casting of non-ferrous metals
251		Manufacture of structural metal products, tanks, reservoirs and steam generators
	2511	Manufacture of structural metal products
	2512	Manufacture of tanks, reservoirs and containers of metal
	2513	Manufacture of steam generators, except central heating hot water boilers
252	2520	Manufacture of weapons and ammunition
259		Manufacture of other fabricated metal products; metalworking service activities
	2591	Forging, pressing, stamping and roll-forming of metal; powder metallurgy
	2592	Machining; treatment and coating of metals
	2593	Manufacture of cutlery, hand tools and general hardware

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	***4-digit NIC-2008***	***Description***
	2599	Manufacture of other fabricated metal products n.e.c.
261	2610	Manufacture of electronic components
262	2620	Manufacture of computers and peripheral equipment
263	2630	Manufacture of communication equipment
264	2640	Manufacture of consumer electronics
265		Manufacture of measuring, testing, navigating and control equipment; watches and clocks
	2651	Manufacture of measuring, testing, navigating and control equipment
	2652	Manufacture of watches and clocks
266	2660	Manufacture of irradiation, electromedical and electrotherapeutic equipment
267	2670	Manufacture of optical instruments and equipment
268	2680	Manufacture of magnetic and optical media
271	2710	Manufacture of electric motors, generators, transformers and electricity distribution and control apparatus
272	2720	Manufacture of batteries and accumulators
273		Manufacture of wiring and wiring devices
	2731	Manufacture of fibre optic cables for data transmission or live transmission of images
	2732	Manufacture of other electronic and electric wires and cables
	2733	Manufacture of wiring devices
274	2740	Manufacture of electric lighting equipment
275	2750	Manufacture of domestic appliances
279	2790	Manufacture of other electrical equipment
281		Manufacture of general purpose machinery
	2811	Manufacture of engines and turbines, except aircraft, vehicle and cycle engines
	2812	Manufacture of fluid power equipment
	2813	Manufacture of other pumps, compressors, taps and valves

Annexure-V

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	***4-digit NIC-2008***	***Description***
	2814	Manufacture of bearings, gears, gearing and driving elements
	2815	Manufacture of ovens, furnaces and furnace burners
	2816	Manufacture of lifting and handling equipment
	2817	Manufacture of office machinery and equipment
	2818	Manufacture of power-driven hand tools
	2819	Manufacture of other general-purpose machinery
282		Manufacture of special-purpose machinery
	2821	Manufacture of agricultural and forestry machinery
	2822	Manufacture of metal-forming machinery and machine tools
	2823	Manufacture of machinery for metallurgy
	2824	Manufacture of machinery for mining, quarrying and construction
	2825	Manufacture of machinery for food, beverage and tobacco processing
	2826	Manufacture of machinery for textile, apparel and leather production
	2829	Manufacture of other special-purpose machinery
291	2910	Manufacture of motor vehicles
292	2920	Manufacture of bodies (coachwork) for motor vehicles; manufacture of trailers and semi-trailers
293	2930	Manufacture of parts and accessories for motor vehicles
301		Building of ships and boats
	3011	Building of ships and floating structures
	3012	Building of pleasure and sporting boats
302	3020	Manufacture of railway locomotives and rolling stock
303	3030	Manufacture of air and spacecraft and related machinery
304	3040	Manufacture of weapons and ammunition
309		Manufacture of transport equipment n.e.c.

Annexure-V

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	*4-digit NIC-2008*	*Description*
	3091	Manufacture of motorcycles
	3092	Manufacture of bicycles and invalid carriages
	3099	Manufacture of other transport equipment n.e.c.
310	3100	Manufacture of furniture
321		Manufacture of jewellery, bijouterie and related articles
	3211	Manufacture of jewellery and related articles
	3212	Manufacture of imitation jewellery and related articles
322	3220	Manufacture of musical instruments
323	3230	Manufacture of sports goods
324	3240	Manufacture of games and toys
325	3250	Manufacture of medical and dental instruments and supplies
329	3290	Other manufacturing n.e.c.
331		Repair of fabricated metal products, machinery and equipment
	3311	Repair of fabricated metal products
	3312	Repair of machinery
	3313	Repair of electronic and optical equipment
	3314	Repair of electrical equipment
	3315	Repair of transport equipment, except motor vehicles
	3319	Repair of other equipment
332	3320	Installation of industrial machinery and equipment
351	3510	Electric power generation, transmission and distribution
352	3520	Manufacture of gas; distribution of gaseous fuels through mains
353	3530	Steam and air conditioning supply
360	3600	Water collection, treatment and supply

Annexure-V

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	*4-digit NIC-2008*	*Description*
370	3700	Sewerage
381		Waste collection
	3811	Collection of non-hazardous waste
	3812	Collection of hazardous waste
382		Waste treatment and disposal
	3821	Treatment and disposal of non-hazardous waste
	3822	Treatment and disposal of hazardous waste
383	3830	Materials recovery
452	4520	Maintenance and repair of motor vehicles
454	4540	Sale, maintenance and repair of motorcycles and related parts and Accessories
521	5210	Warehousing and storage
581		Publishing of books, periodicals and other publishing activities
	5811	Book publishing
	5812	Publishing of directories and mailing lists
	5813	Publishing of newspapers, journals and periodicals
	5819	Other publishing activities
591		Motion picture, video and television programme activities
	5911	Motion picture, video and television programme production activities
	5912	Motion picture, video and television programme post-production activities
	5913	Motion picture, video and television programme distribution activities
592	5920	Sound recording and music publishing activities
742	7420	Photographic activities
829		Business support service activities n.e.c.
	8292	Packaging activities

Annexure-V

Description along with 3/4-digit NIC-2008 codes

3-digit NIC-2008	***4-digit NIC-2008***	***Description***
951		Repair of computers and communication equipment
	9511	Repair of computers and peripheral equipment
	9512	Repair of communication equipment
952		Repair of personal and household goods
	9521	Repair of consumer electronics
	9522	Repair of household appliances and home and garden equipment
	9523	Repair of footwear and leather goods
	9524	Repair of furniture and home furnishings
	9529	Repair of personal and household goods, n.e.c.
960		Other personal service activities
	9601	Washing and (dry-) cleaning of textile and fur products

Annexure VI

Annual Survey of Industries, 2023-2024
Statement showing the merging of Industries

Sr. No. (1)	*Table Description (2)*	*State/Union Territory (3)*	*Industry Code (4)*	*Included in (5)*
1	**State by 3 digit of NIC 08**	Andaman & N Islands	103	104
			110, 201, 222	Other
		Andhra Pradesh	143	141
			275	279
			303	309
			323	329
		Arunachal Pradesh	103, 105	108
			192	191
			242	241
			259	251
			131, 202, 271,329	Other
		Assam	101	103
			203	202
			252	259
			274	279
			291	292
			332	331
			261, 302, 325,383	Other
		Bihar	152	151
			221	222
			274	272
			332	331
			016, 265, 292, 383	Other
		Chandigarh	105	104
			202	201
			243	242
			251	259
			261,266	265
			274, 275	271
			292	293
			016, 131, 142, 210, 325, 581	Other
		Chattisgarh	143	141
			264	265
			272	274
			291	292
			309	302
			323, 325	329
			381	382
			581	Other

Annual Survey of Industries, 2023-2024
Statement showing the merging of Industries

Sr. No. (1)	*Table Description (2)*	*State/Union Territory (3)*	*Industry Code (4)*	*Included in (5)*
		Dadra & N Haveli & Daman & Diu	103, 105	104
			108	107
			143	141
			266	261
			324	329
			151, 152, 309, 382	Other
		Delhi	104	101
			143	141
			161	162
			252	259
			110, 192,382	Other
		Goa	108	104
			131	139
			192	191
			231	239
			252	259
			262, 267	266
			272, 274	279
			303	301
			324	329
			141, 381	Other
		Haryana	191	192
			252	259
			266, 268	267
			303, 304	309
			332	331
		Himachal Pradesh	143	141
			266, 267	261
			322	329
			382, 581	Other
		Jammu & Kashmir	101	103
			151	152
			161	162
			263	264
			274	275
			282	281
			325	321
			292	Other

Annual Survey of Industries, 2023-2024
Statement showing the merging of Industries

Sr. No. (1)	*Table Description (2)*	*State/Union Territory (3)*	*Industry Code (4)*	*Included in (5)*
		Jharkhand	139	131
			142	141
			203	202
			252	259
			279	271
			309	302
			332	331
			381, 382	383
			152, 325, 581	Other
		Karnataka	264, 267	265
			332	331
		Kerala	203	202
			264	266
			291	292
			304, 309	303
			323	322
			381, 383	382
		Ladakh	106	107
			251	259
			139, 192, 310	Other
		Lakshadweep	102, 103, 104, 239	Other
		Madhya Pradesh	252	259
			263, 264, 267	261
			275	279
			323	329
		Maharashtra	268	267
		Manipur	105	107
			139	131
			161	162
			325	321
			151, 191, 202, 241, 251, 259, 271, 279, 282, 331	Other
		Meghalaya	108	107
			201	202
			242	243
			131, 271, 331	Other
		Mizoram	104, 105	108
			161	162
			222	221
			259	251
			181, 202, 210, 241, 243, 279, 292, 322	Other

Annual Survey of Industries, 2023-2024

Statement showing the merging of Industries

Sr. No. (1)	*Table Description (2)*	*State/Union Territory (3)*	*Industry Code (4)*	*Included in (5)*
		Nagaland	101, 105	106
			221	222
			259	251
			131, 202	Other
		Odisha	266, 268	265
			272, 274	271
			279	275
			291	292
			301, 302, 303	309
			332	331
			381, 382	383
			152, 321, 581	Other
		Puducherry	101	108
			143	141
			162	161
			242	243
			252	259
			264, 267	261
			272, 279	274
			309	301
			192, 331	Other
		Punjab	142	143
			267	263
			291	292
			321	329
			383	382
			120	Other
		Rajasthan	143	141
			191	192
			252	259
			264	263
			266	267
		Sikkim	103	105
			275	279
			192, 222, 239, 242, 243, 259, 265	Other
		Tamil Nadu	268	266
			304	309
			322	329

Annual Survey of Industries, 2023-2024
Statement showing the merging of Industries

Sr. No. (1)	*Table Description (2)*	*State/Union Territory (3)*	*Industry Code (4)*	*Included in (5)*
		Telangana	102	103
			203	202
			262, 267	266
			304	309
			323	324
			332	331
		Tripura	104	105
			191	192
			202	201
			242	243
			131, 210, 331, 383	Other
		Uttar Pradesh	252	259
			322	329
			332	331
			016	Other
		Uttarakhand	151	152
			191	192
			252	259
			262	261
			267	265
			323	329
			016, 332, 383	Other
		West Bengal	252	259
			262, 266	263
			323	322
			332	331
			383	382
			089	Other

Annual Survey of Industries, 2023-2024
Statement showing the merging of Industries

Sr. No. (1)	*Table Description (2)*	*State/Union Territory (3)*	*Industry Code (4)*	*Included in (5)*
2	**State by 2 digit of NIC 08**	Andaman & N Islands	11, 20, 22	Other
		Arunchal Pradesh	13, 20, 27, 32	Other
		Assam	26, 30, 32, 38	Other
		Bihar	01, 26, 29, 38	Other
		Chandigarh	01, 13, 14, 21, 32, 58	Other
		Chattisgarh	58	Other
		Dadra & N Haveli & Daman & Diu	15, 30, 38	Other
		Delhi	11, 19, 38	Other
		Goa	14, 38	Other
		Himachal Pradesh	38, 58	Other
		Jammu & Kashmir	29	Other
		Jharkhand	15, 32, 58	Other
		Ladakh	13, 19, 31	Other
		Lakshadweep	10, 23	Other
		Manipur	15, 19, 20, 24, 25, 27, 28, 33	Other
		Meghalaya	13, 27, 33	Other
		Mizoram	18, 20, 21, 24, 27, 29, 32	Other
		Nagaland	13, 20	Other
		Odisha	15, 32, 58	Other
		Puducherry	19, 33	Other
		Punjab	12	Other
		Sikkim	19, 22, 23, 24, 25, 26	Other
		Tripura	13, 21, 33, 38	Other
		Uttar Pradesh	01	Other
		Uttarakhand	01, 33, 38	Other
		West Bengal	08	Other